SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM – 683576,
PHONE: 0484-2882900, 2450330 E-Mail: sset@scmsgroup.org Website:
www.scmsgroup.org/sset

4.1.1 Number of classrooms and seminar halls with ICT- enabled facilities	
Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers	**Type of ICT facility**
AD 04	Projector/WiFi/LAN
AD 05	Projector/WiFi/LAN
AD 103	Projector/WiFi/LAN
AD 104	Projector/WiFi/LAN
AD 105	Projector/WiFi/LAN
AD 201	Projector/WiFi/LAN
AD 202	Projector/WiFi/LAN
AD 207	Projector/WiFi/LAN
AD 208	Projector/WiFi/LAN
AD 301	Projector/WiFi/LAN
AD 302	Projector/WiFi/LAN
AD 303	Projector/WiFi/LAN
AD 304	Projector/WiFi/LAN
AD 305	Projector/WiFi/LAN
AD 306	Projector/WiFi/LAN
AD 307	Projector/WiFi/LAN
AD 309	Projector/WiFi/LAN
AD 310 A	Projector/WiFi/LAN
AD 310 B	Projector/WiFi/LAN
AD 311 A	Projector/WiFi/LAN
AD 311 B	Projector/WiFi/LAN
AD 402	Projector/WiFi/LAN
AD 403	Projector/WiFi/LAN
AD 404	Projector/WiFi/LAN
AD 405	Projector/WiFi/LAN
AD 406	Projector/WiFi/LAN
AD 407	Projector/WiFi/LAN
AD 503	Projector/WiFi/LAN
AD 504 A	Projector/WiFi/LAN

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SCMS SCHOOL OF ENGINEERING & TECHNOLOGY
VIDYANAGAR, PALLISSERY, KARUKUTTY
ERNAKULAM, KERALA-683 576

AD 504 B	Projector/WiFi/LAN
AD 507	Projector/WiFi/LAN
AD 508	Projector/WiFi/LAN
AD 510 A	Projector/WiFi/LAN
AD 510 B	Projector/WiFi/LAN
AD 106 -Conference Room	Newline RS+ Series Interactive Touch Display/ Internet
AD 206-Seminar Hall	LED Wall/Inernet/PC
AD 509-Seminar Hall	Projector/WiFi
AC I 01	Projector/WiFi
AC I 02	Projector/WiFi
AC I 04	Projector/WiFi
AC I 05	Projector/WiFi
AC I 06	Projector/WiFi
AC I 101	Projector/WiFi
AC I 102	Projector/WiFi
AC I 106	Projector/WiFi
AC I 107	Projector/WiFi
AC I 110	Projector/WiFi
AC I 110A	Projector/WiFi
AC I 110B	Projector/WiFi
AC I 201	Projector/WiFi
AC I 202	Projector/WiFi
AC I 205	Projector/WiFi
AC I 206	Projector/WiFi
AC I 207	Projector/WiFi
AC I 204-Seminar Hall	Projector/WiFi/LAN
AC II 206	Projector/WiFi
AC II 207	Projector/WiFi
AC II 301	Projector/WiFi
AC II 302	Projector/WiFi
AC II 303	Projector/WiFi
AC II 305	Projector/WiFi
AC II 306	Projector/WiFi
AC II 307	Projector/WiFi
AC II 308	Projector/WiFi
AC II 204-Seminar Hall	Projector/Interactive Touch Display/LAN
Class Rooms with ICT - 60 Nos.	
Seminar Halls with ICT - 05 Nos.	

30/12/24

PRINCIPAL
SCMS SCHOOL OF ENGINEERING & TECHNOLOGY
VIDYANAGAR, PALLISSERY, KARUKUTTY
ERNAKULAM, KERALA-683 576
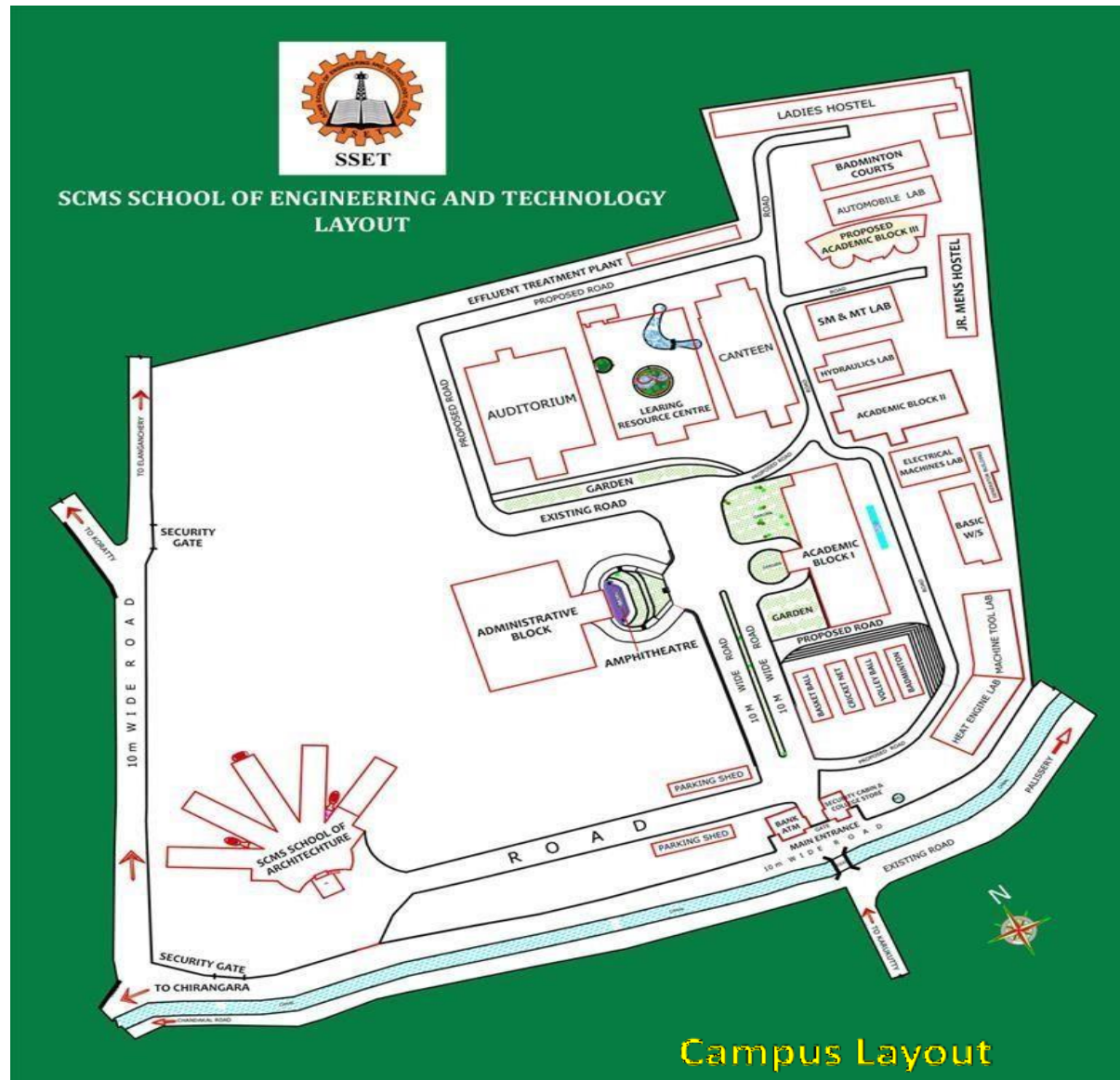
SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
LIST OF LABORATORIES

SL.NO.		DEPARTMENT OF AUTOMOBILE ENGINEERING
1	1	AUTOMOBILE WORKSHOP
		DEPARTMENT OF CIVIL ENGINEERING
2	1	CIVIL ENGINEERING WORKSHOP
3	2	STRENGTH OF MATERIALS AND MATERIALS TESTING LABORATORY
4	3	SURVEY LABORATORY
5	4	ENVIRONMENTAL ENGINEERING LABORATORY
6	5	TRANSPORTATION ENGINEERING LABORATORY
7	6	GEOTECHNICAL ENGINEERING LABORATORY
		DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
8	1	CENTRAL COMPUTING FACILITY
9	2	COMPUTER LABORATORY 1
10	3	COMPUTER LABORATORY 2
11	4	COMPUTER LABORATORY 3
12	5	COMPUTER LABORATORY 4 (CIVIL CAD LAB, PG CAD LAB, ELECTRICAL CAD LAB)
13	6	COMPUTER LABORATORY 5
14	7	COMPUTER LABORATORY 6
15	8	PROJECT LABORATORY
16	9	PG LABORATORY
		DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
17	1	ELECTRONICS ENGINEERING WORKSHOP
18	2	COMMUNICATIONS LABORATORY
19	3	MICROWAVE LABORATORY
20	4	DIGITAL ELECTRONICS LABORATORY
21	5	ELECTRONIC CIRCUITS LABORATORY
22	6	MICROPROCESSOR AND MICROCONTROLLER LABORATORY
23	7	VLSI LABORATORY
24	8	PROJECT LABORATORY
		DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
25	1	ELECTRICAL WORKSHOP
26	2	BASIC ELECTRICAL AND ELECTRICAL MEASUREMENT LABORATORY
27	3	ELECTRICAL MACHINES LABORATORY
28	4	CONTROL AND POWER ELECTRONICS LABORATORY

		DEPARTMENT OF MECHANICAL ENGINEERING
29	1	BASIC MECHANICAL WORKSHOP
30	2	MACHINE TOOL LABORATORY
31	3	THERMAL ENGINEERING LABORATORY
32	4	CAD LABORATORY
33	5	MECHANICAL ENIGHEERING LABORATORY
34	6	FLUID MECHANICS AND MACHINERY LABORATORY
		DEPARTMENT OF BASIC SCIENCE AND HUMANITIES
35	1	ENGINEERING PHYSICS LABORATORY
36	2	ENGINEERING CHEMISTRY LABORATORY
		RESEARCH AND INNOVATION LABORATORIES
37	1	SCMS DIGITAL FABRICATION LABORATORY
38	2	IoT LABORATORY
39	3	ROBOTICS LABORATORY
40	4	PRECISION LABORATORY
41	5	MIKE COMPUTATIONAL LABORATORY- DHI, DENMARK

4.1.1 Computing Equipments				
Details of the Computers with Location				
Location	**Configuration**	**No. of Systems**	Academic Purposes	Non-Academic Purposes
Central Computing Facility Slot 1	Intel/i3/4GB Ram/240GB SSD	**60**	60	-
Central Computing Facility Slot 2	Intel/i3/8GB Ram/500GB SDD	**40**	40	-
Central Computing Facility Slot 3	Intel/i5/4GB Ram/500GB HDD	**15**	15	-
Computer Laboratory 1	Intel/i3/4GB Ram/500GB HDD	**32**	32	-
Computer Laboratory 2	Gigabyte/i5/4GB Ram/500GB HDD	**35**	35	-
Computer Laboratory 3	Gigabyte/i5/16GB Ram/240GB NVMe	**60**	60	-
Computer Laboratory 4 Slot 1	Gigabyte/i5/16GB Ram/500GB SDD	**54**	54	-
Computer Laboratory 4 Slot 2	Gigabyte/i5/4GB Ram/500GB HDD	**35**	35	-
Computer Laboratory 4 Slot 3	Gigabyte/i3/2GB Ram/250GB HDD	**20**	20	-
Computer Laboratory 5	Gigabyte/i5/8GB Ram/500GB SDD	**71**	71	-

Computer Laboratory 6	PowerX/i5/16GB RAM/256GB SSD	**69**	69	
PG Laboratory	Gigabyte/i7/8GB Ram/500GB HDD	**48**	48	-
Project Laboratory	Intel/i5/4GB Ram/500GB HDD	**5**	5	-
CAD Laboratory	Intel/i3/8GB Ram/500GB SDD/2GB GPU	**35**	35	-
Power Electronics Laboratory	Intel/i3/8GB Ram/500GB HDD	**6**	6	-
FMS Laboratory	Gigabyte/i3/2GB Ram/250GB HDD	**3**	3	-
3D Printer Laboratory	Gigabyte/i7/8GB Ram/500GB HDD/2GB GPU	**2**	2	-
SM Laboratory	Gigabyte/i3/2GB Ram/250GB HDD	**1**	1	-
Fablab	Gigabyte/i3/4GB Ram/250GB HDD	**8**	8	-
Ideation & Prototyping Centre	Intel/i3/4GB Ram/500GB HDD	**4**	4	-
Faculty Members	ACER i3/4GB Ram/500GB HDD	**150**	-	150
Faculty Room	i3/4GB Ram/240GB HDD	**10**	-	10
Seminar Hall	Gigabyte/i3/4GB Ram/500GB HDD	**2**	-	2
Dr. Pradeep P Thevannoor Learning Resource Centre	Gigabyte/i5/4GB Ram/500GB HDD	**21**	-	21
Administration	i3/4GB Ram/500GB HDD	**16**	-	16
Total		**802**	603	199

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

INFRASTRUCTURE AND OTHER FACILITIES

Infrastructure Facility

SSET Campus

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY LAYOUT

Campus Layout

Administrative Block

Academic Block 1

Academic Block 2

Auditorium – 1550 m²

Ernakulam, Kerala, India
7CC2+FH2, Road, Nalukettu, Kerala 683576, India
Lat 10.269712°
Long 76.39964°
11/01/24 02:32 PM GMT +05:30

Amphitheatre - 705 m²

Atrium - 326.4 m²

Roads and Parking

Thrissur, Kerala, India
7C92+78M, Palissery, Thrissur, Kerala 683576, India
Lat 10.268761°
Long 76.400134°
10/01/24 02:53 PM GMT +05:30

GPS Map Camera

Ernakulam, Kerala, India
799X+HW5, Palissery, Kerala 683576, India
Lat 10.268824°
Long 76.400066°
10/01/24 02:53 PM GMT +05:30

GPS Map Camera

Canteen

Bank and ATM

Thrissur, Kerala, India
7C92+78M, Palissery, Thrissur, Kerala 683576, India
Lat 10.268648°
Long 76.400014°
10/01/24 02:50 PM GMT +05:30

Store with Reprographic facility

Thrissur, Kerala, India
7C92+78M, Palissery, Thrissur, Kerala 683576, India
Lat 10.268667°
Long 76.400164°
10/01/24 02:52 PM GMT +05:30

Placement Office

Ernakulam, Kerala, India
7CC2+FH2, Road, Nalukettu, Kerala 683576, India
Lat 10.26969°
Long 76.399621°
11/01/24 02:21 PM GMT +05:30

Principal's Cabin

Ernakulam, Kerala, India
799X+VRH, Palissery, Kerala 683576, India
Lat 10.269625°
Long 76.399663°
09/01/24 08:48 AM GMT +05:30

Examination Cell

Ernakulam, Kerala, India
799X+VRH, Palissery, Kerala 683576, India
Lat 10.26968°
Long 76.399704°
11/01/24 02:21 PM GMT +05:30

University Valuation Centre

KTU VALUATION CAMP

Ernakulam, Kerala, India
7CC2+FH2, Road, Nalukettu, Kerala 683576, India
Lat 10.269792°
Long 76.399581°
11/01/24 02:26 PM GMT +05:30

College Bus

Ambulance Service

Ernakulam, Kerala, India
79CX+5XP, Palissery, Kerala 683576, India
Lat 10.270109°
Long 76.399904°
11/01/24 02:33 PM GMT +05:30

GPS Map Camera

Ernakulam, Kerala, India
7C92+RC4, Nalukettu, Kerala 683576, India
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Long 76.400572°
11/01/24 02:16 PM GMT +05:30

GPS Map Camera

Effluent Treatment Plant

Water Treatment Plant
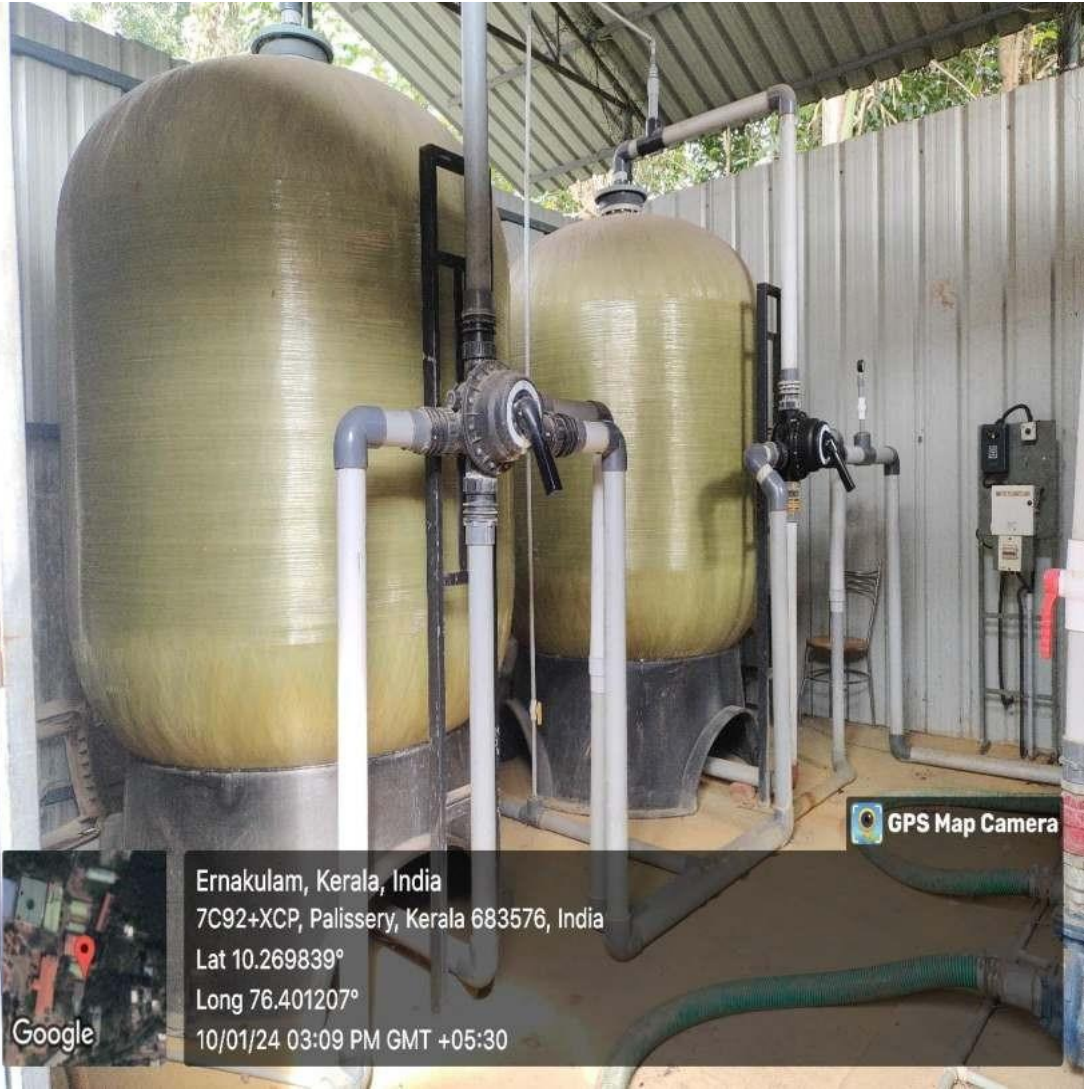
Power Station
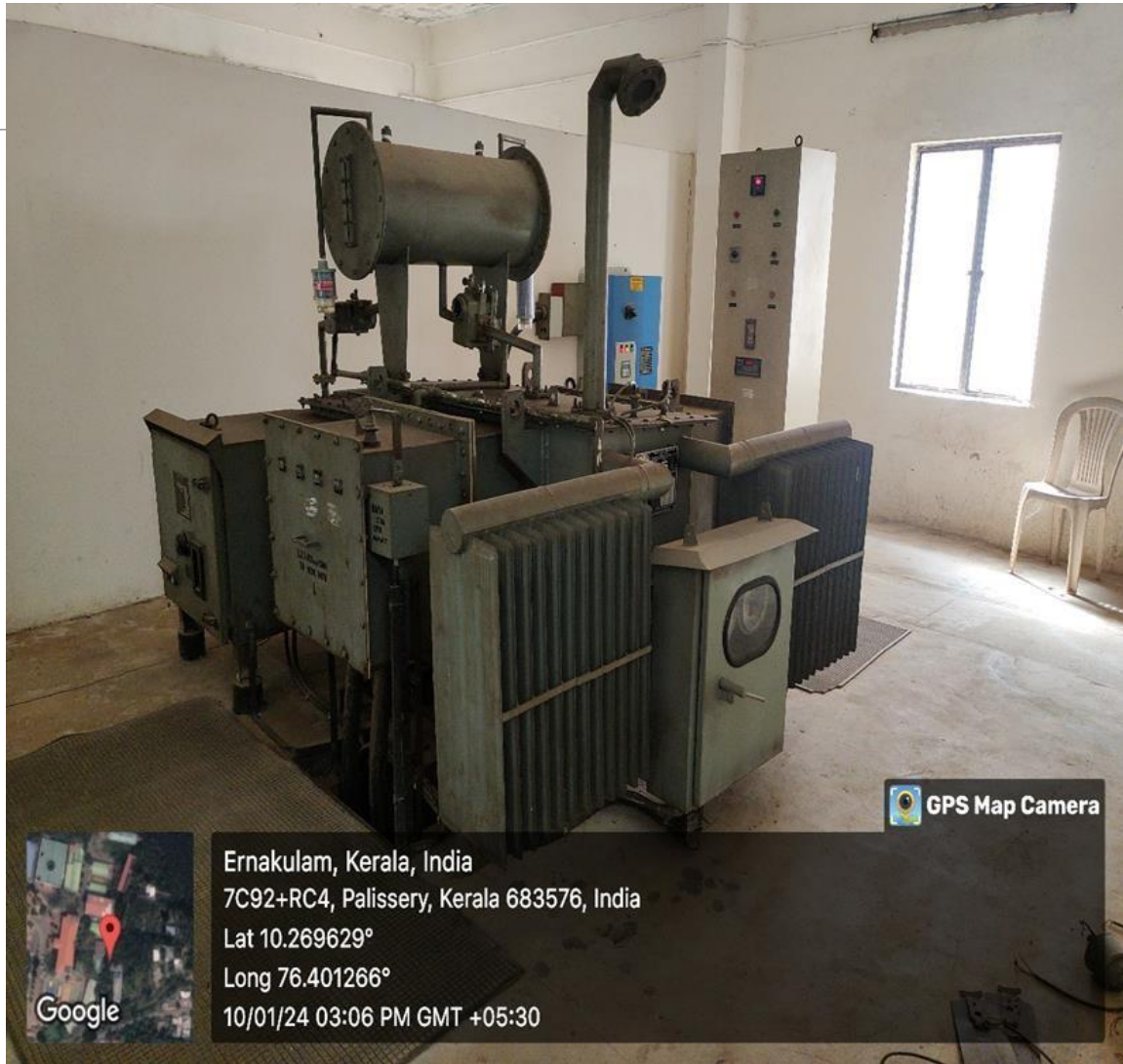
Power Backup – Generator and UPS

Ernakulam, Kerala, India
7C92+RC4, Palissery, Kerala 683576, India
Lat 10.269416°
Long 76.401282°
10/01/24 03:07 PM GMT +05:30

Ernakulam, Kerala, India
7C92+XCP, Palissery, Kerala 683576, India
Lat 10.269799°
Long 76.400853°
10/01/24 03:14 PM GMT +05:30
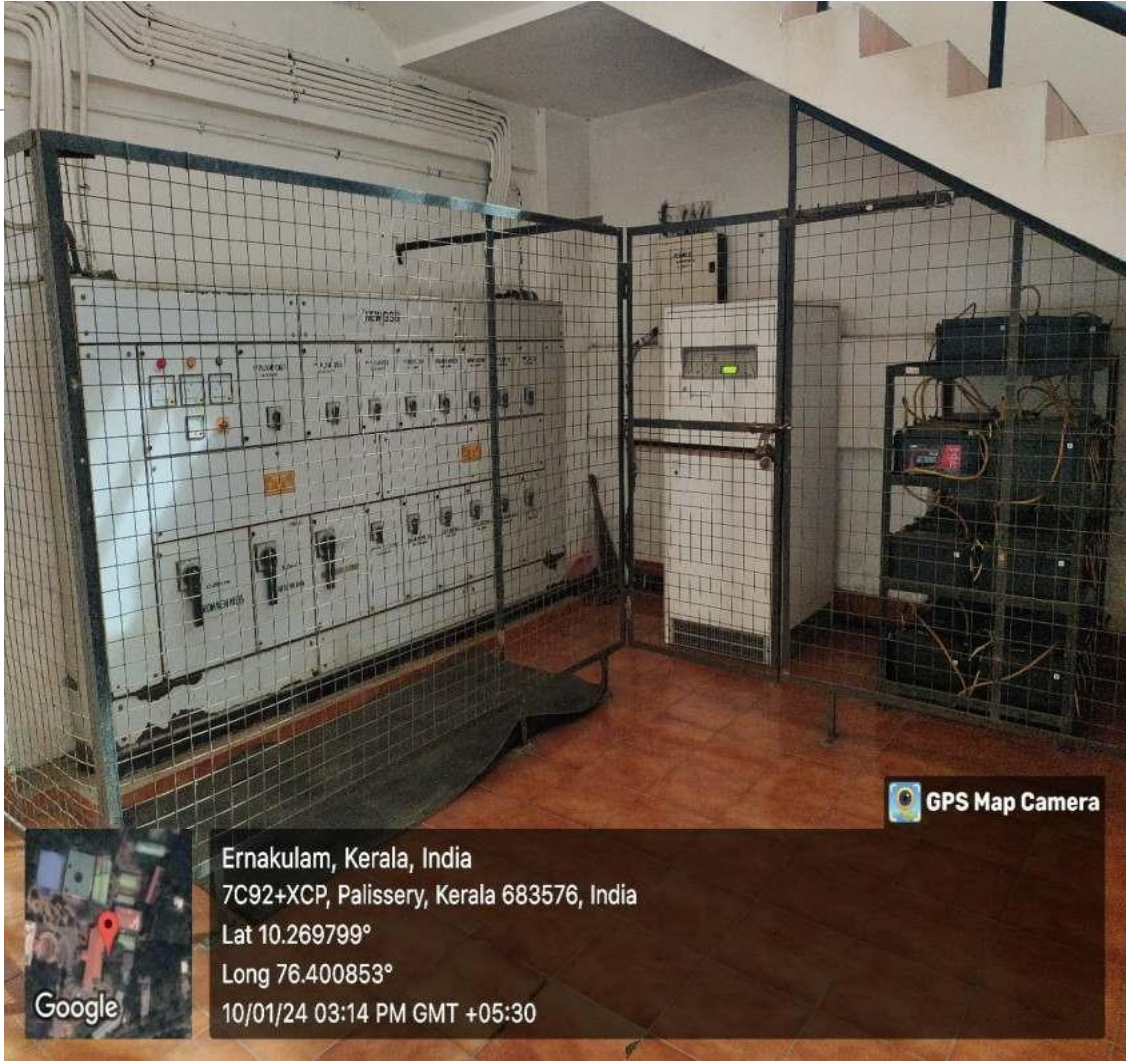
Roof Top Solar Power System

Lift

Biometric Device
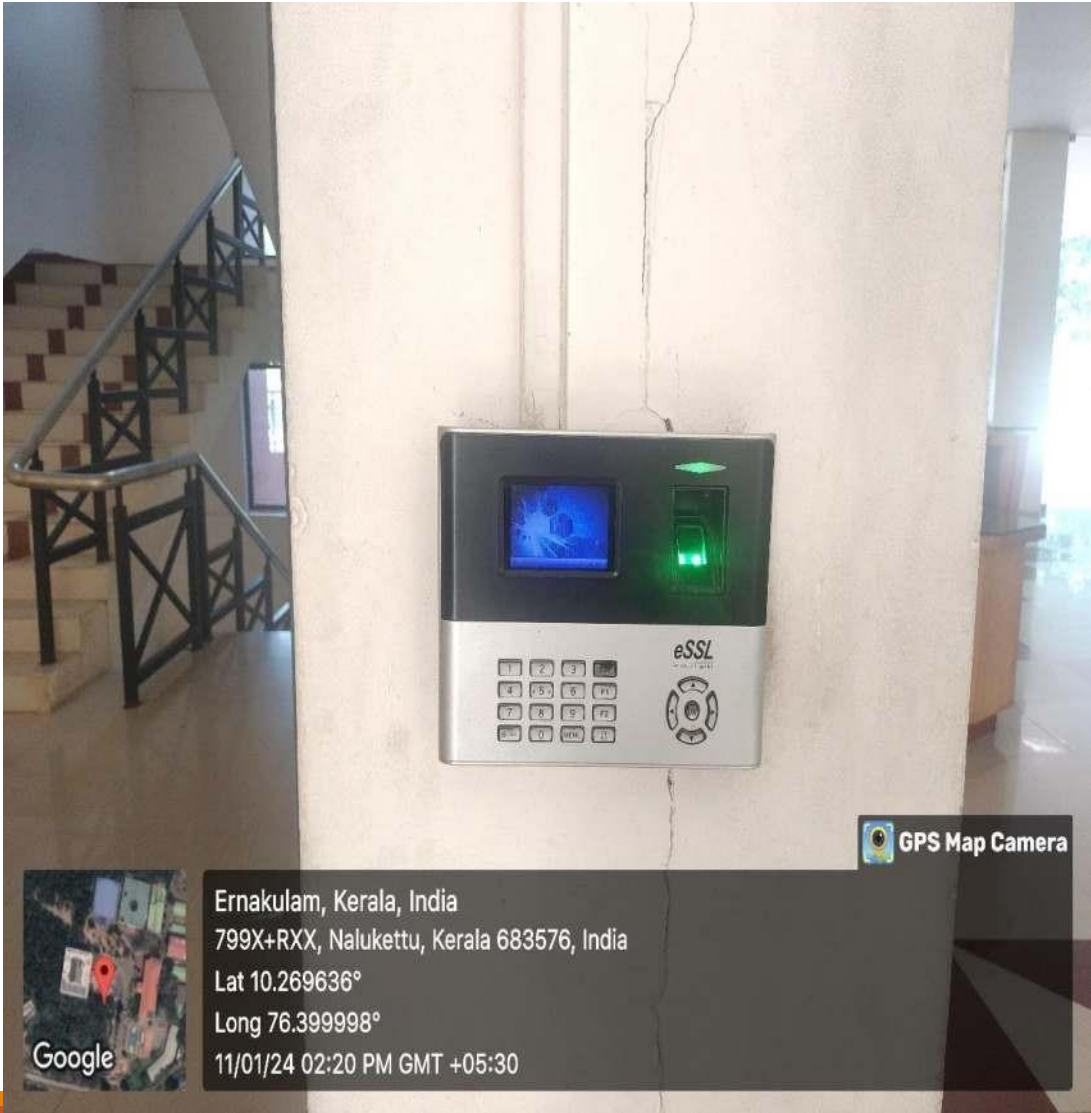
Drinking Water
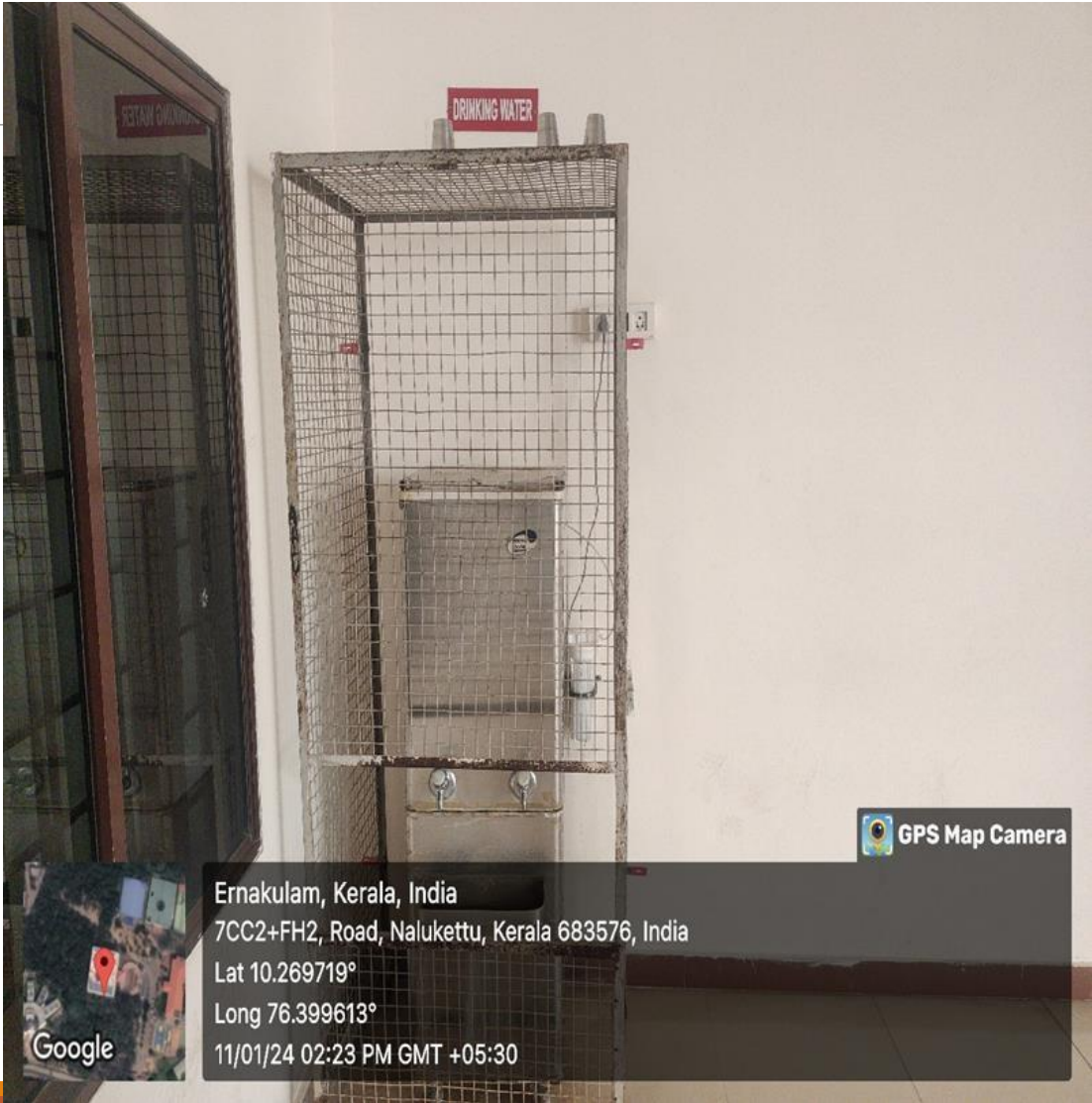
Electrical Sanitary pad Incinerator

Electronic Sanitary pad vending machine

Sports and Games
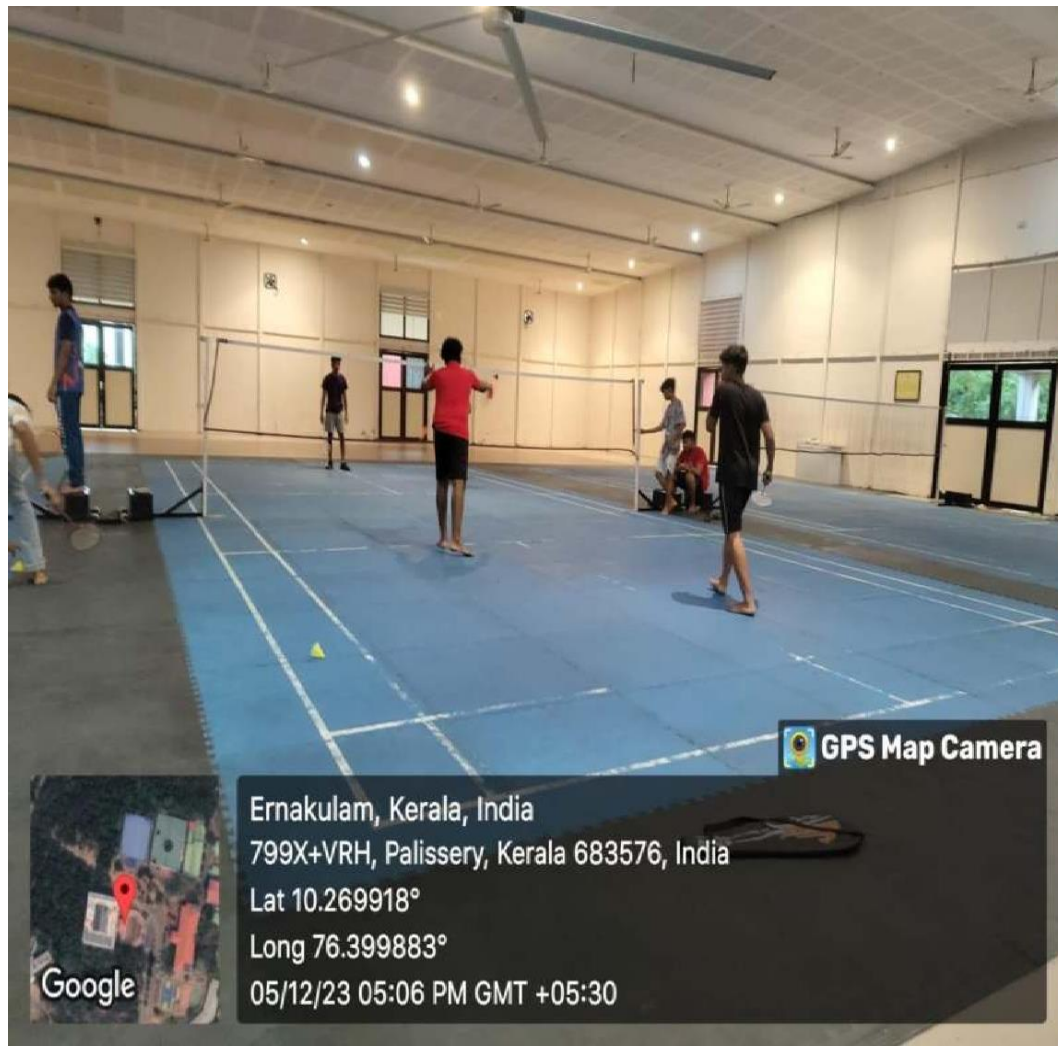
Sports Facility

Table Tennis
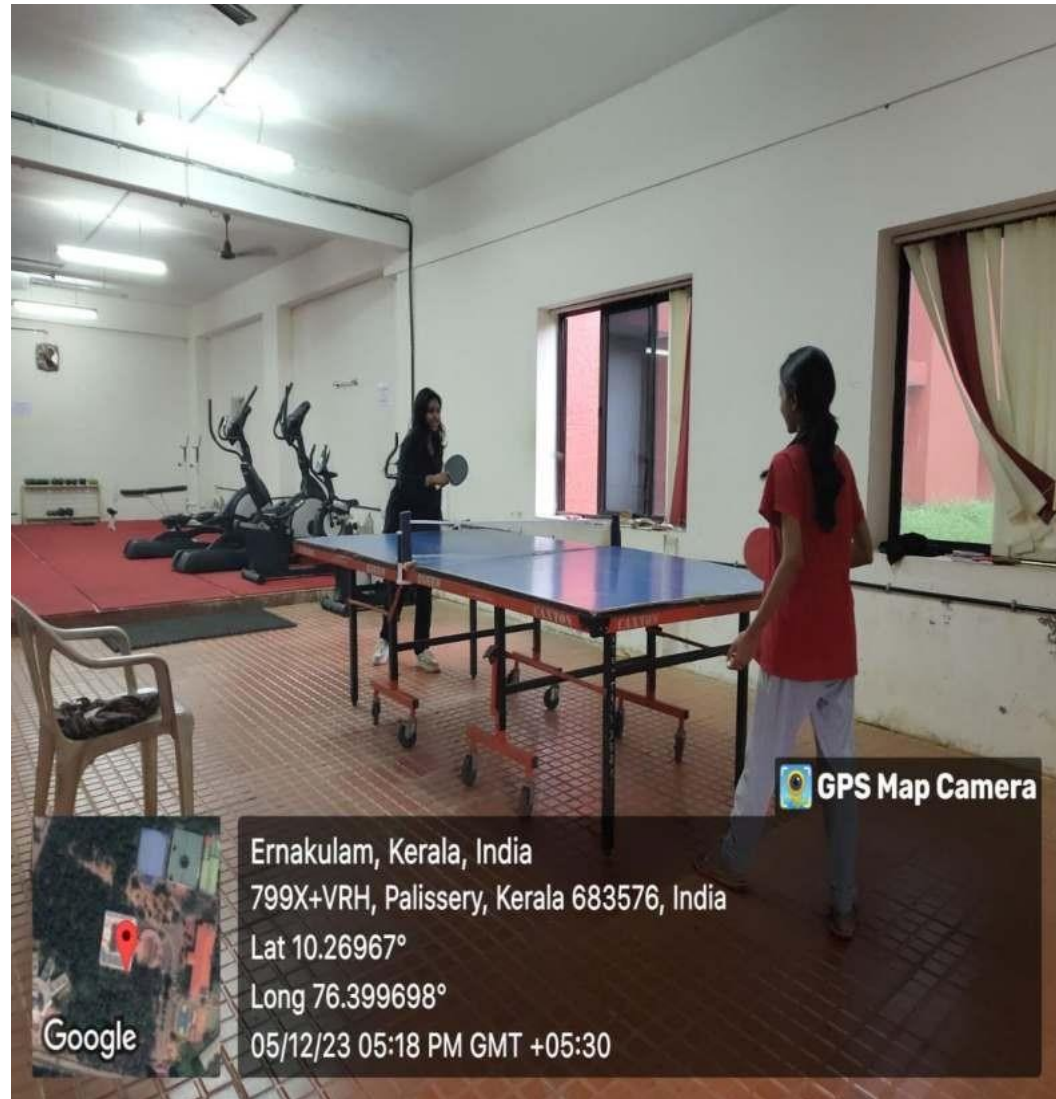
Gymnasium
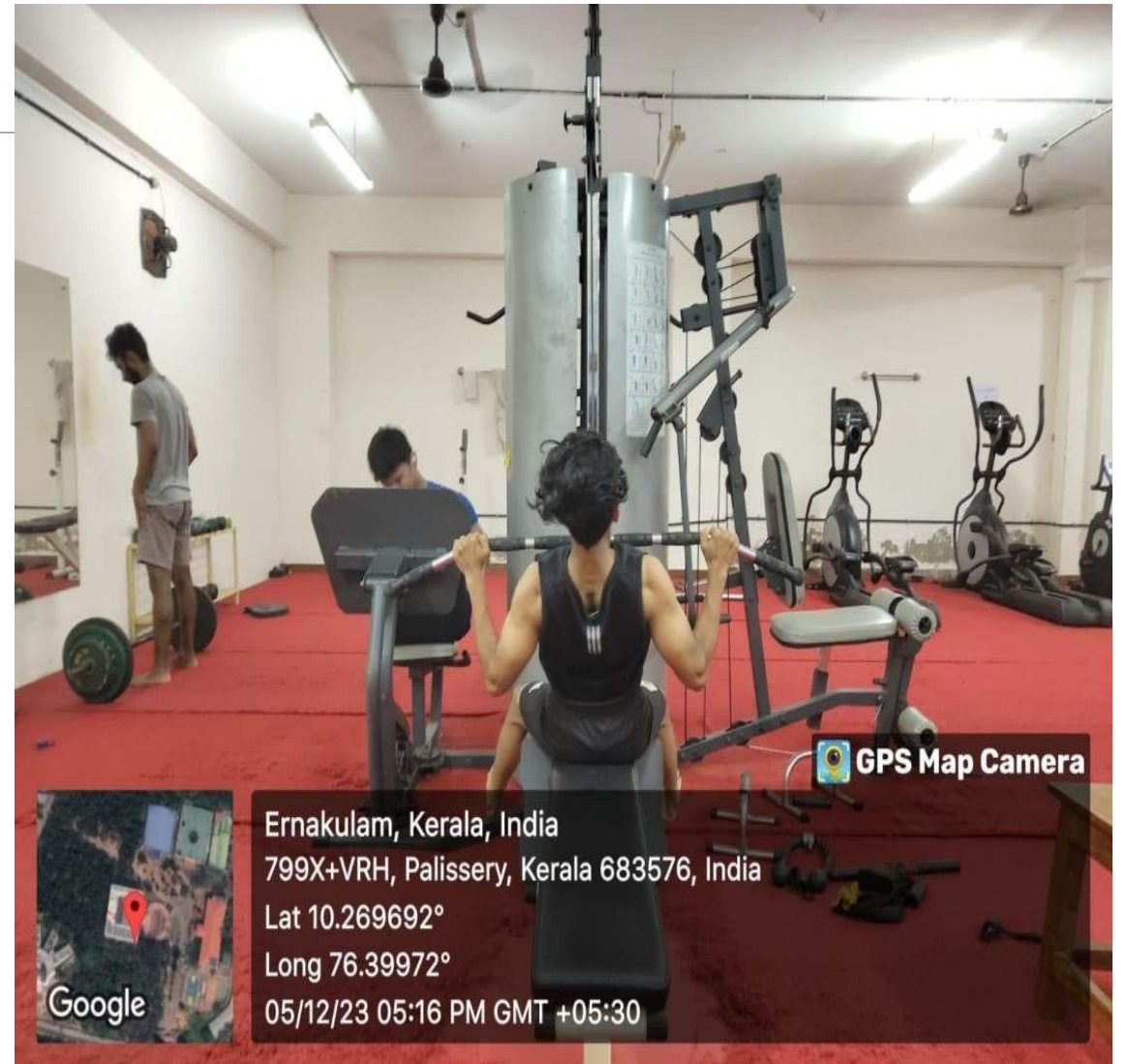
Hostels

HOSTELS

Hostels	Ladies Hostel-1	Ladies Hostel-2	First Year Men's Hostel	Senior Men's Hostel
Capacity	350	66	160	280

- Separate hostel buildings for Boys and Girls
- 2-Sharing and 3-Sharing facility
- 24*7 Wardens and Security
- 24*7 Generator Power Back up
- Wi-Fi enabled

Hostels

Thrissur, Kerala, India
7C92+78M, Palissery, Thrissur, Kerala 683576, India
Lat 10.268291°
Long 76.400384°
10/01/24 02:44 PM GMT +05:30

Ernakulam, Kerala, India
7CC2+4HW, Palissery, Kerala 683576, India
Lat 10.270444°
Long 76.401396°
10/01/24 03:38 PM GMT +05:30

Ernakulam, Kerala, India
7CC2+4HW, Nalukettu, Kerala 683576, India
Lat 10.27072°
Long 76.401393°
10/01/24 03:34 PM GMT +05:30
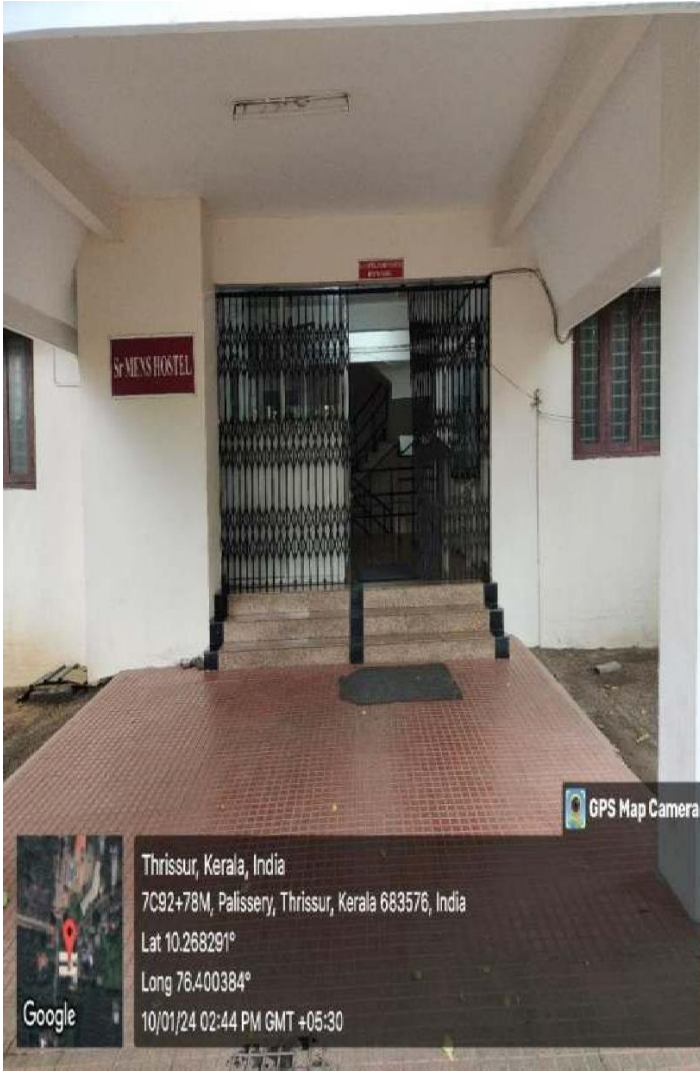
SCMS Water Institute (SWI)

SCMS WATER INSTITUTE (SWI)

The one and only Water Institute with in the Private Engineering Colleges in Kerala.

Addressing water related and environment problems for local bodies and Government.

Mike Computational lab provided by Danish Hydraulic Institute, Denmark is used for teaching, training, research and consulting.

SCMS Institute for Road Safety and Transportation (SiRST)

SCMS INSTITUTE FOR ROAD SAFETY AND TRANSPORTATION (SiRST)

The first Road Safety and Transportation Institute among Private Engineering Colleges in India.

Addressing Road Safety and Transportation related problems across Kerala.

Official extension centre of IDTR, Associate member of Global Alliance of NGOs for Road Safety, Member of Asia Pacific Road Safety Observatory (APRSO).

Faculty Rooms
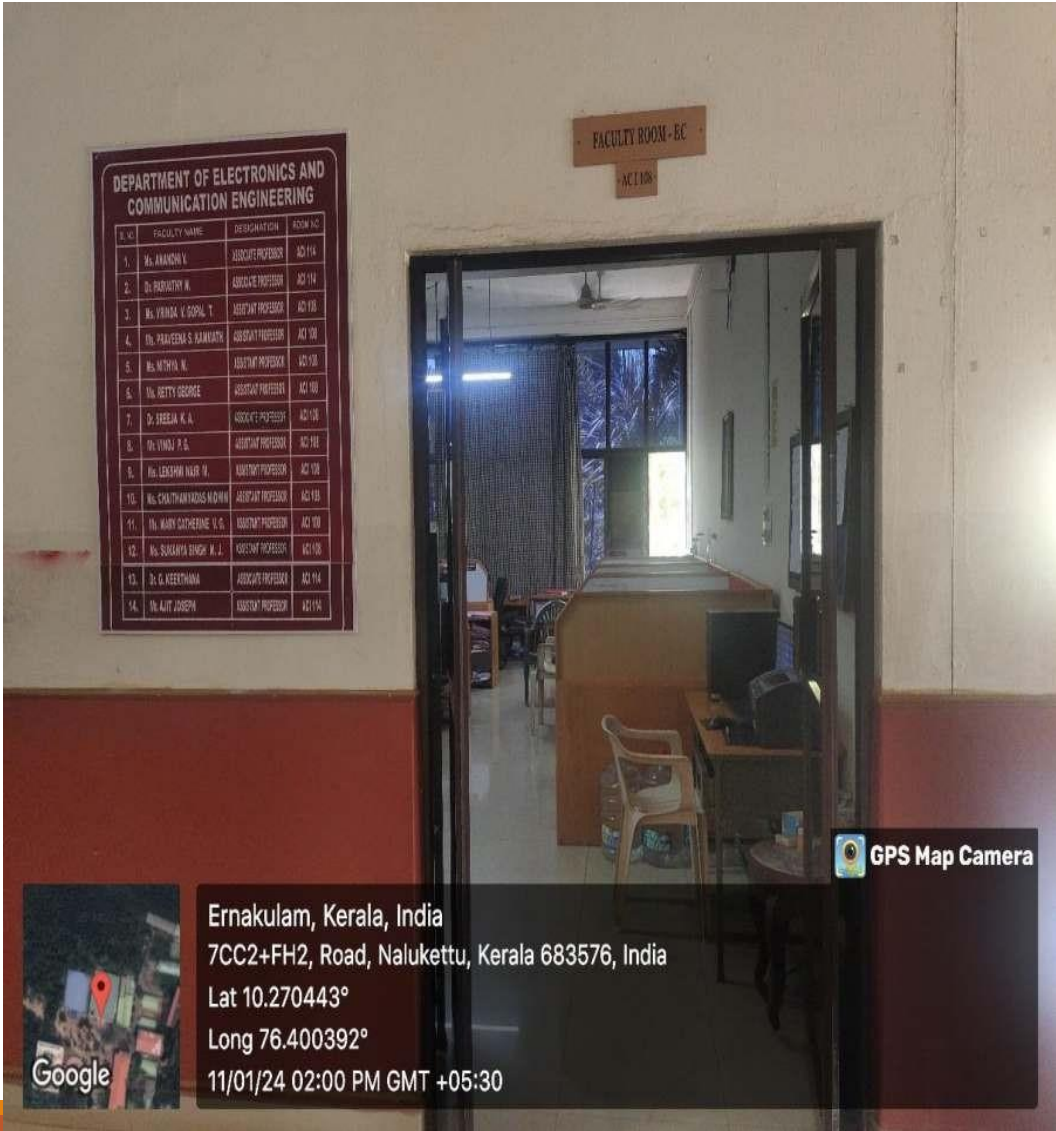
Seminar Halls and Smart Class Rooms

Dr.Pradeep P. Thevannoor Learning Resource Centre (Central Library)

Dr. Pradeep P Thevannoor Learning Resource Centre. Area: 2310 M2

Dr. Pradeep P. Thevannoor Learning Resource Centre (Dr.PPTLRC)
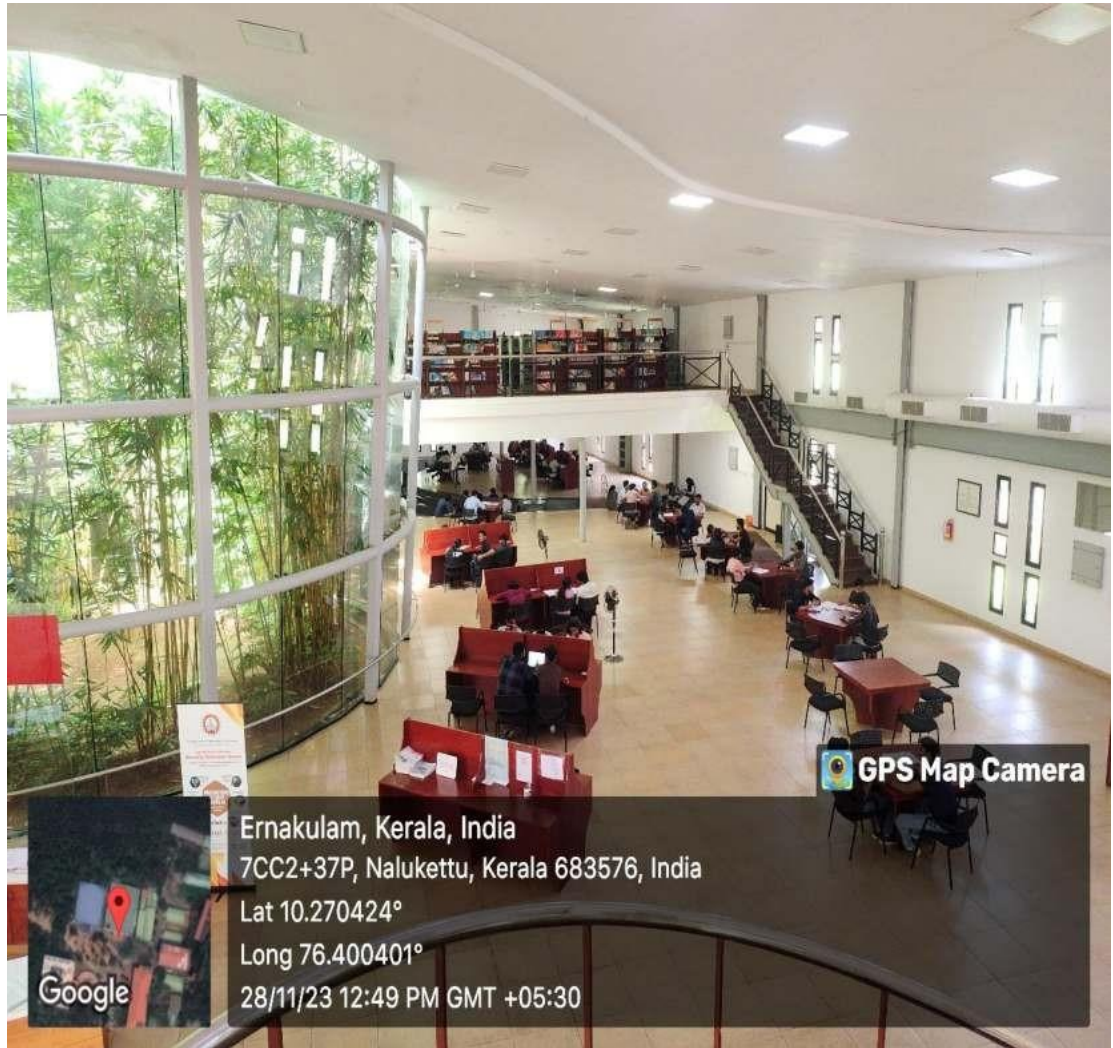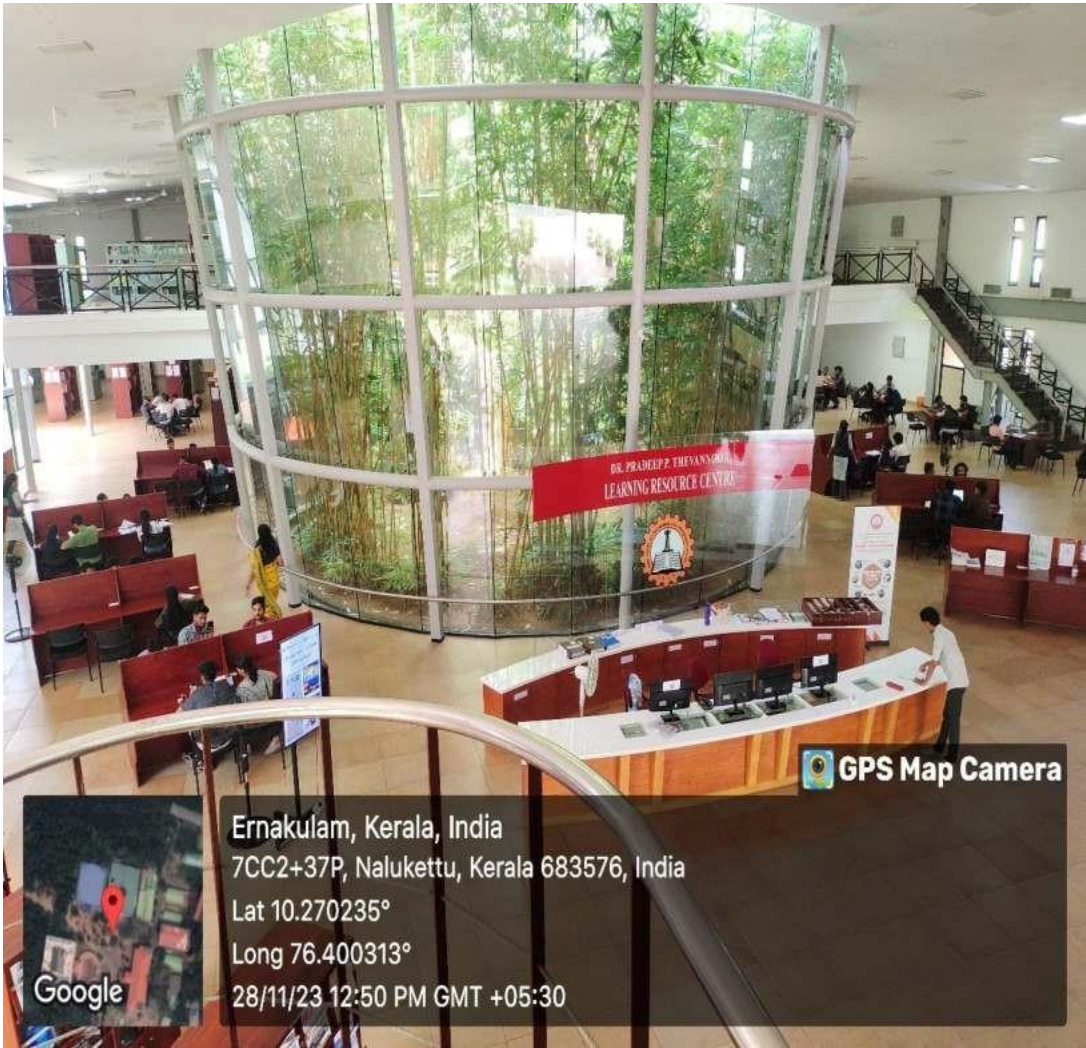
Dr.PPTLRC (Central Library)

Ernakulam, Kerala, India
7CC2+37P, Nalukettu, Kerala 683576, India
Lat 10.270243°
Long 76.400309°
28/11/23 12:50 PM GMT +05:30

Ernakulam, Kerala, India
7CC2+37P, Nalukettu, Kerala 683576, India
Lat 10.270422°
Long 76.400472°
28/11/23 12:51 PM GMT +05:30
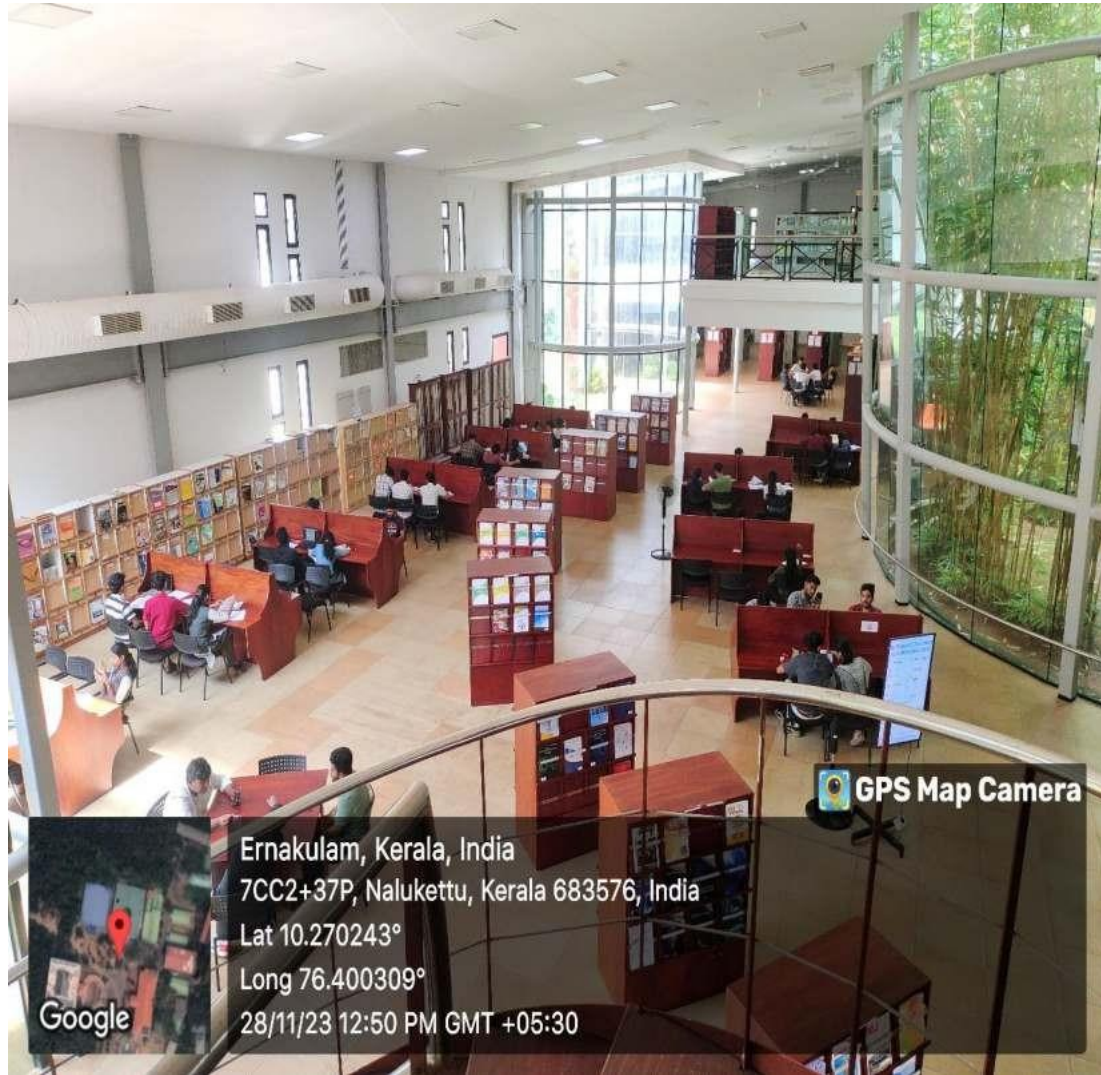
LABORATORIES

AUTOMOBILE ENGINEERING DEPARTMENT

Automobile Workshop
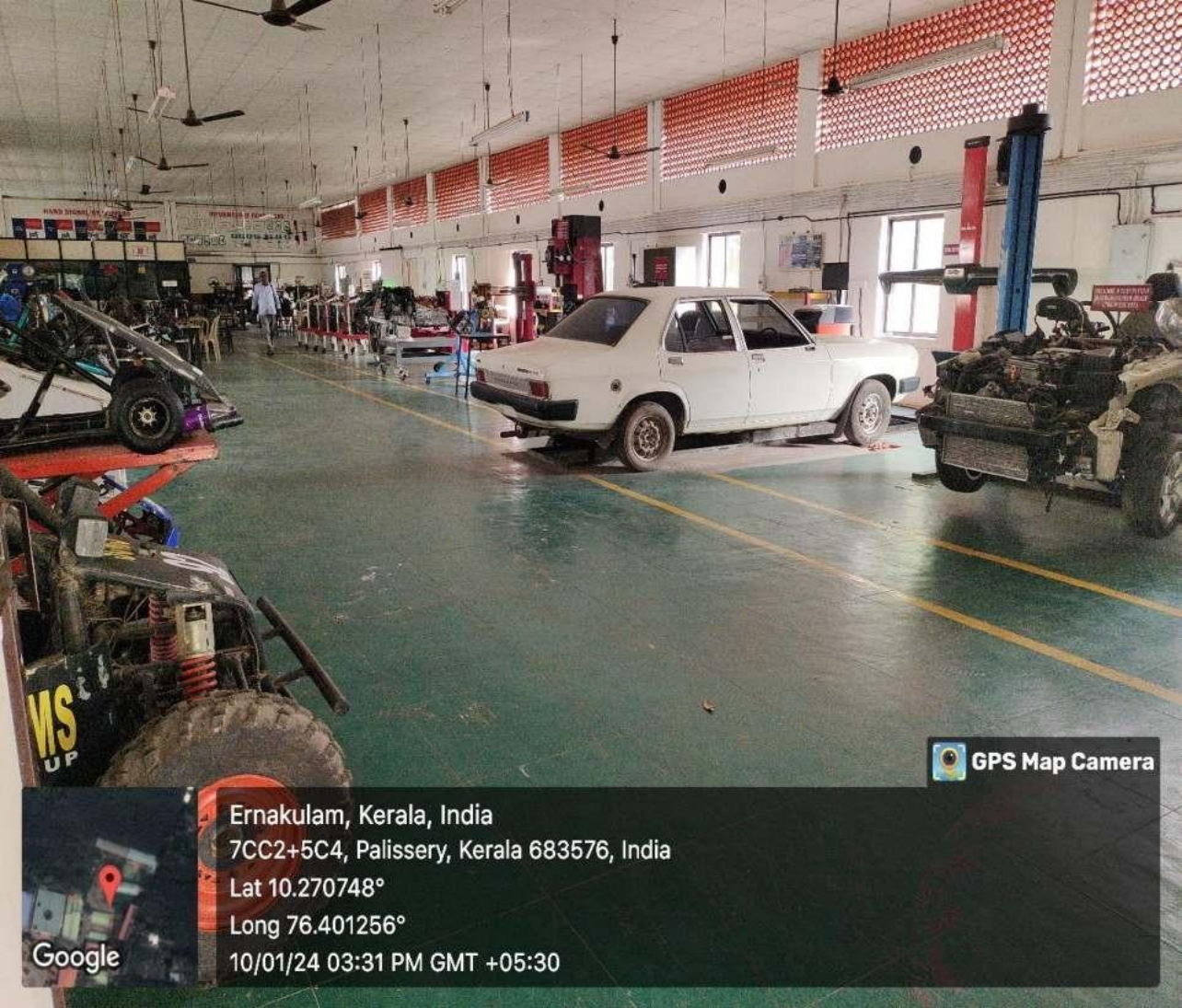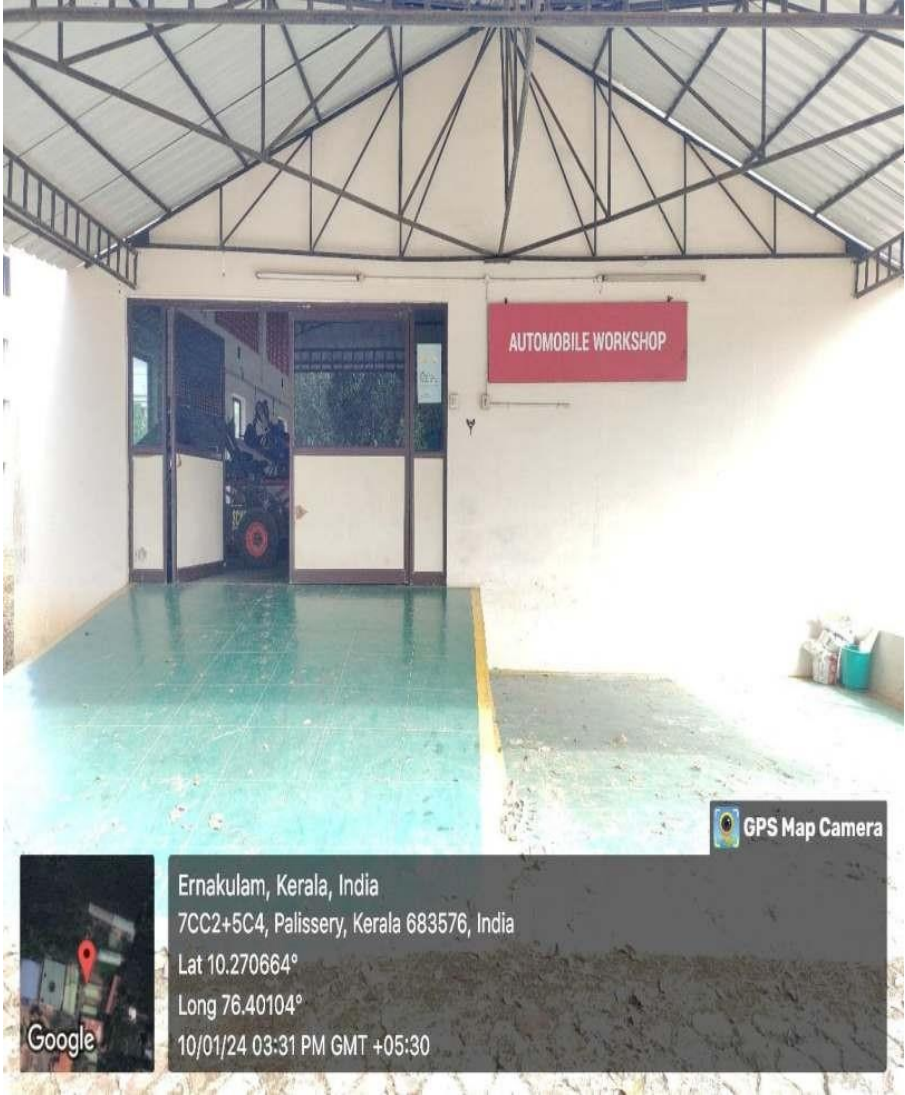
CIVIL ENGINEERING DEPARTMENT

Civil Engineering Workshop
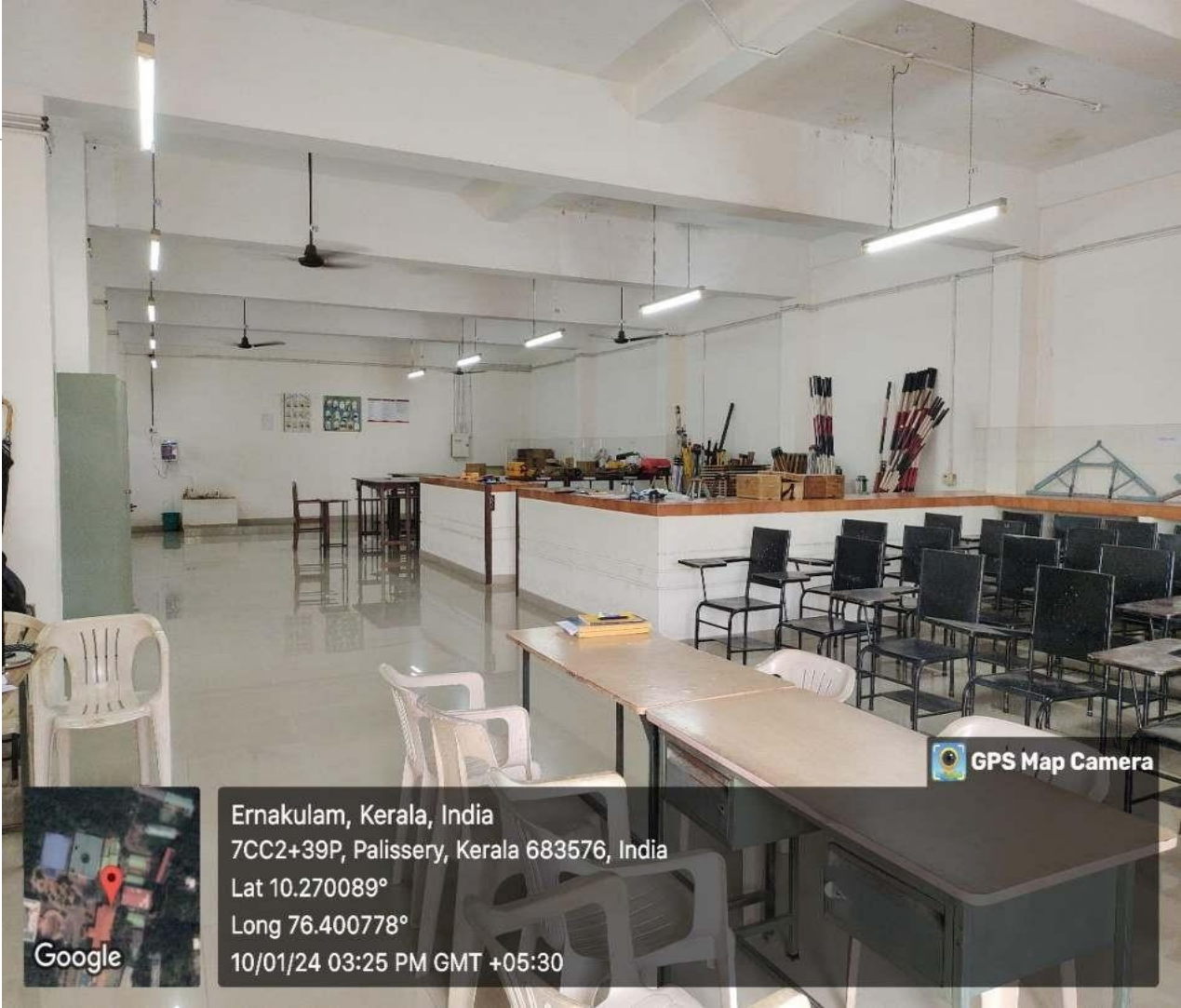
Transportation Engineering Lab

Survey Lab
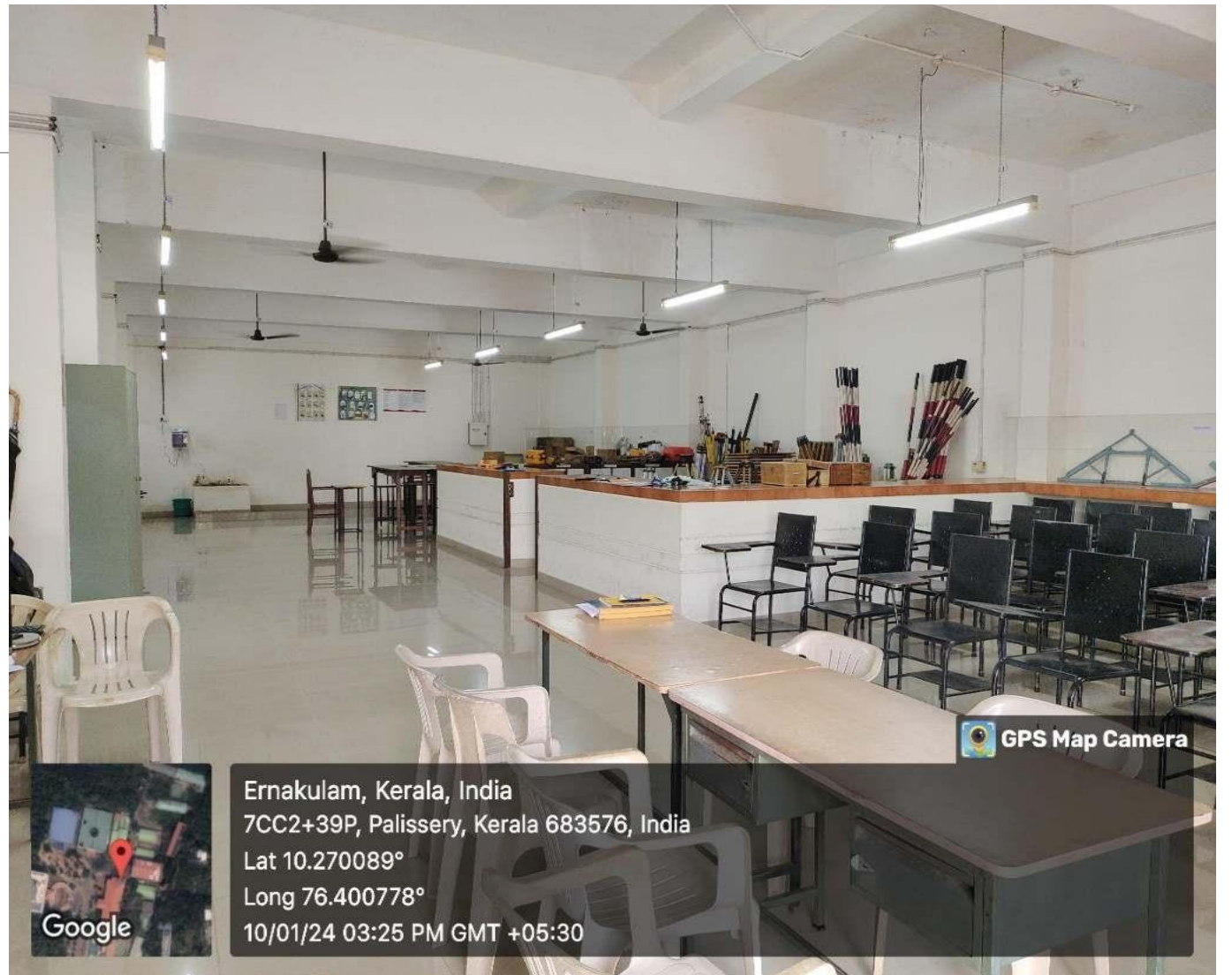
Environmental Engineering Lab
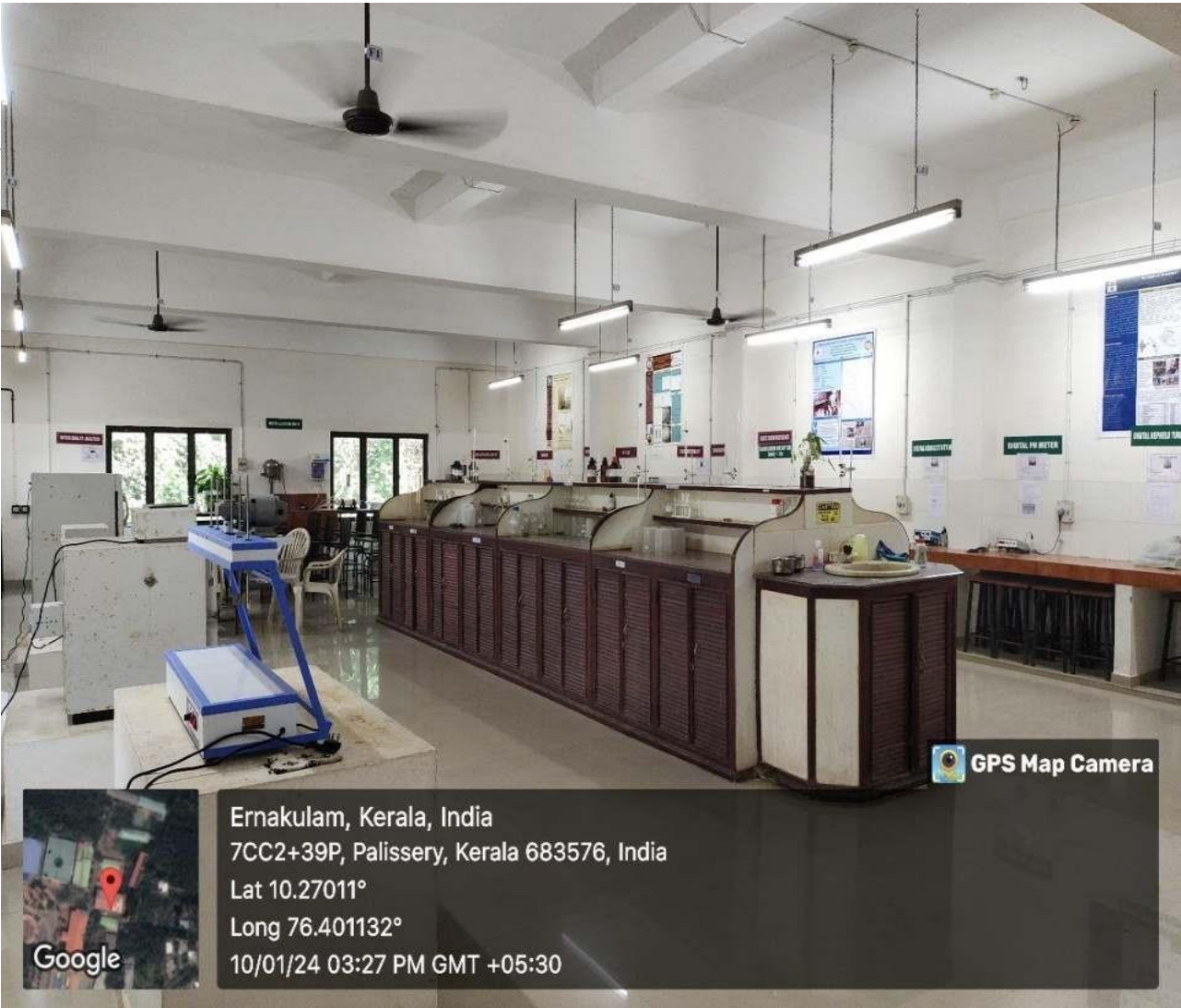
Geotechnical Engineering Lab
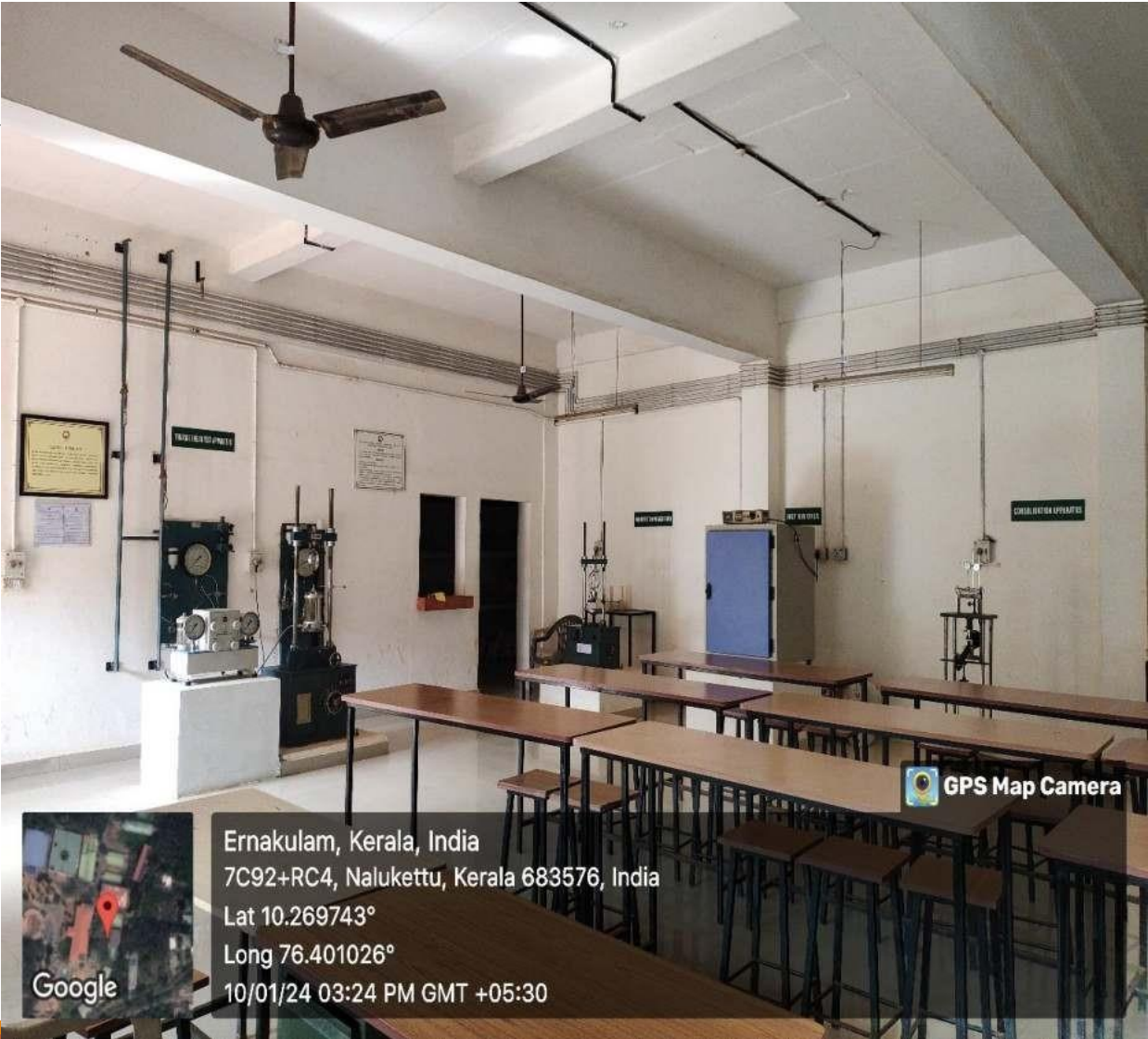
Strength of Materials and Materials Testing Laboratory
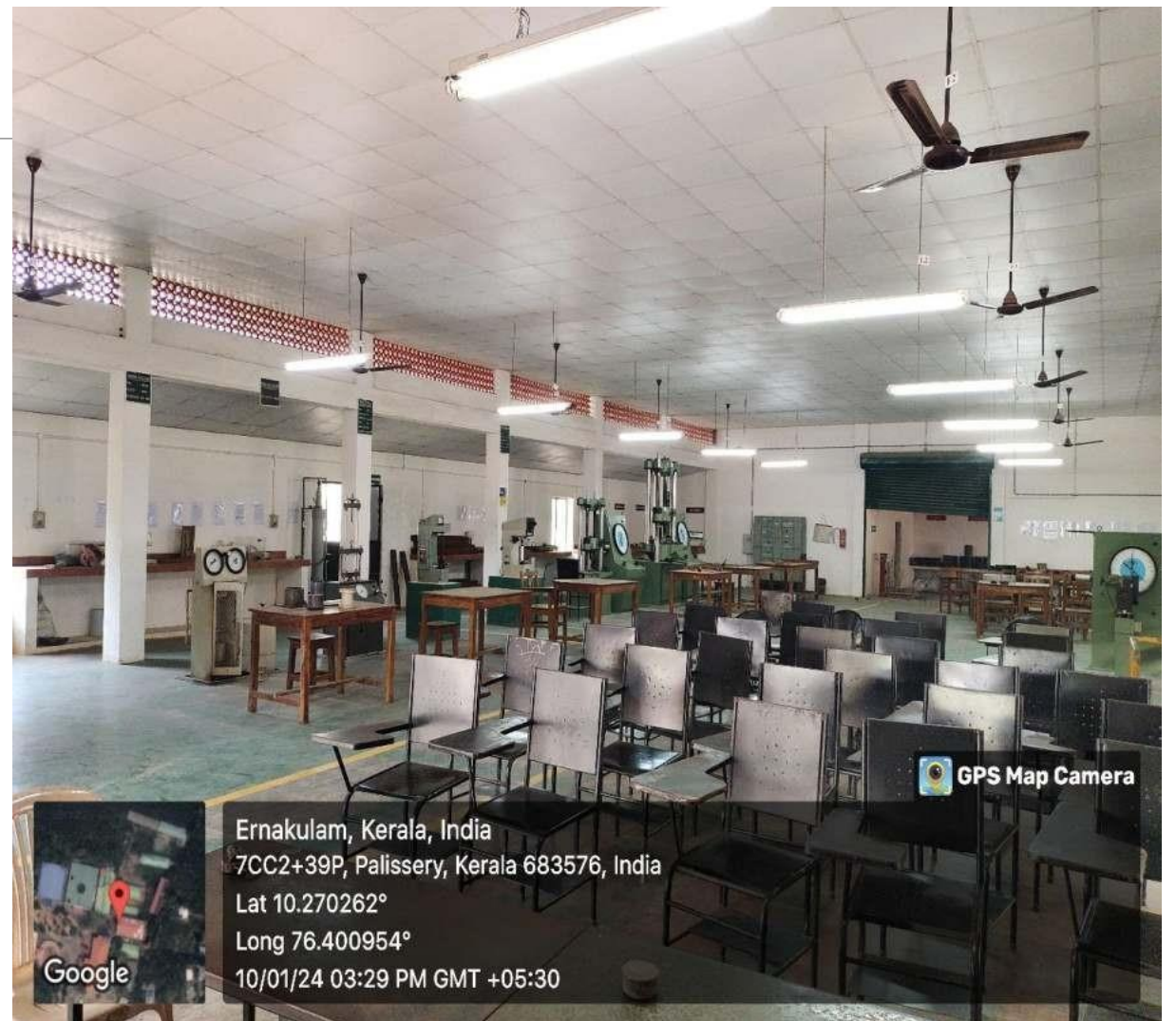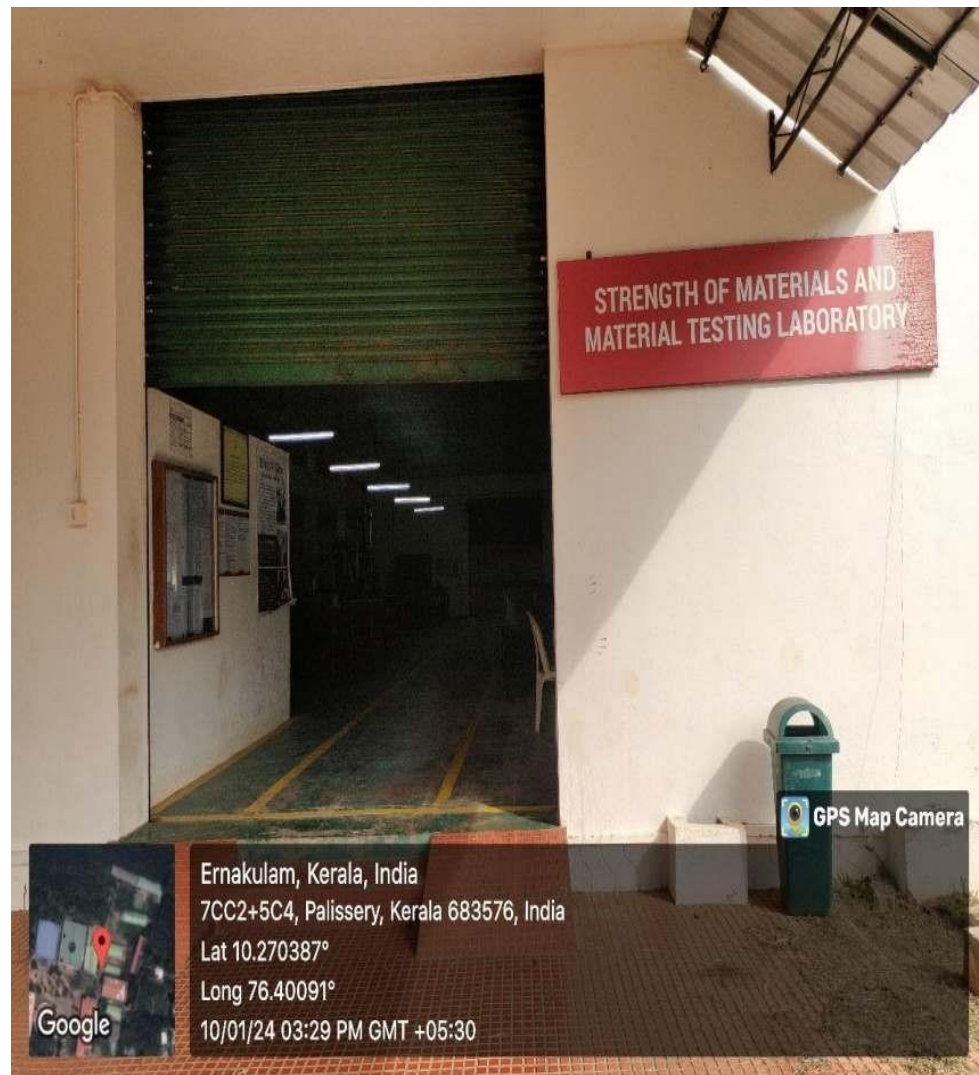
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

Computer Laboratories
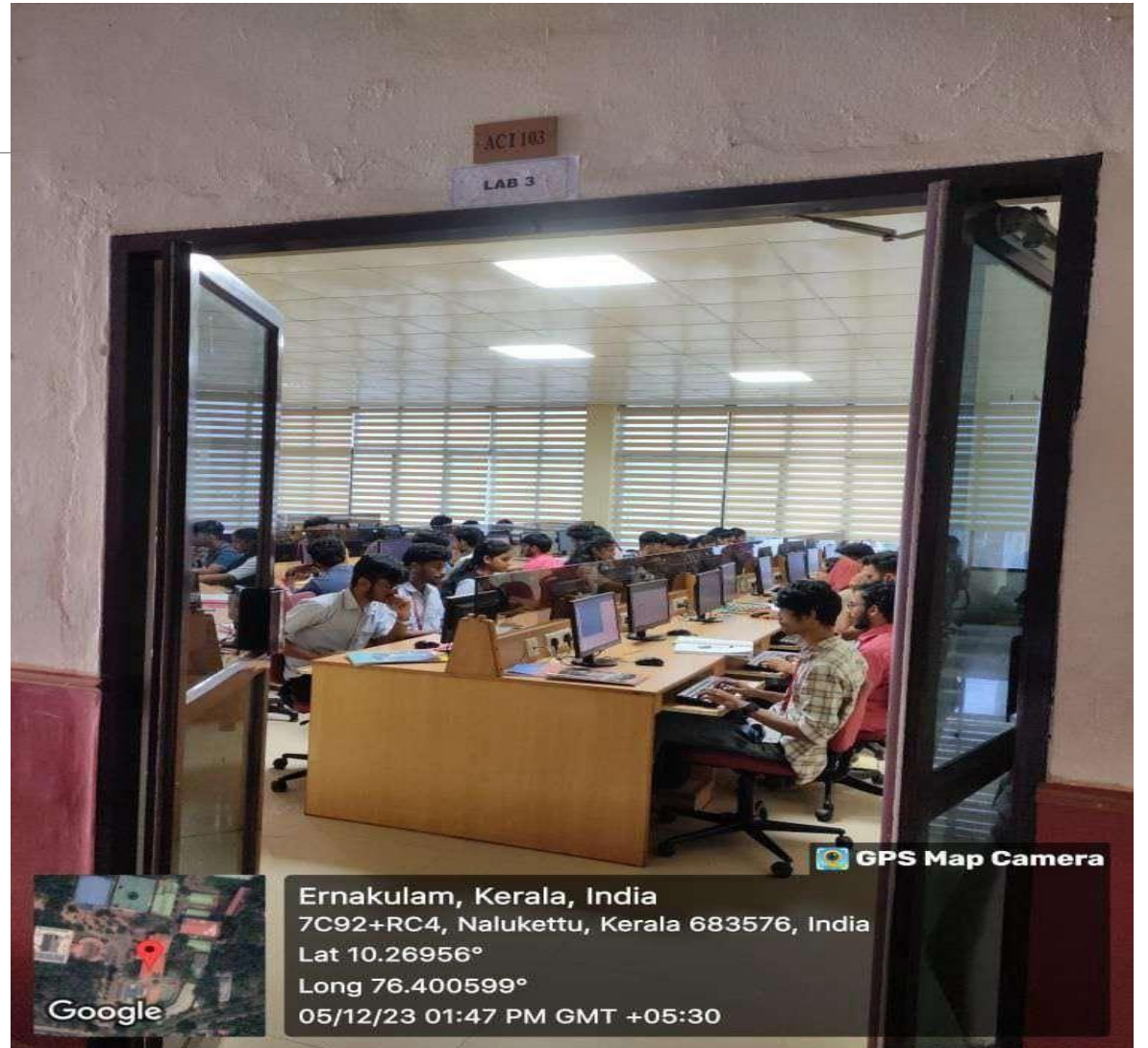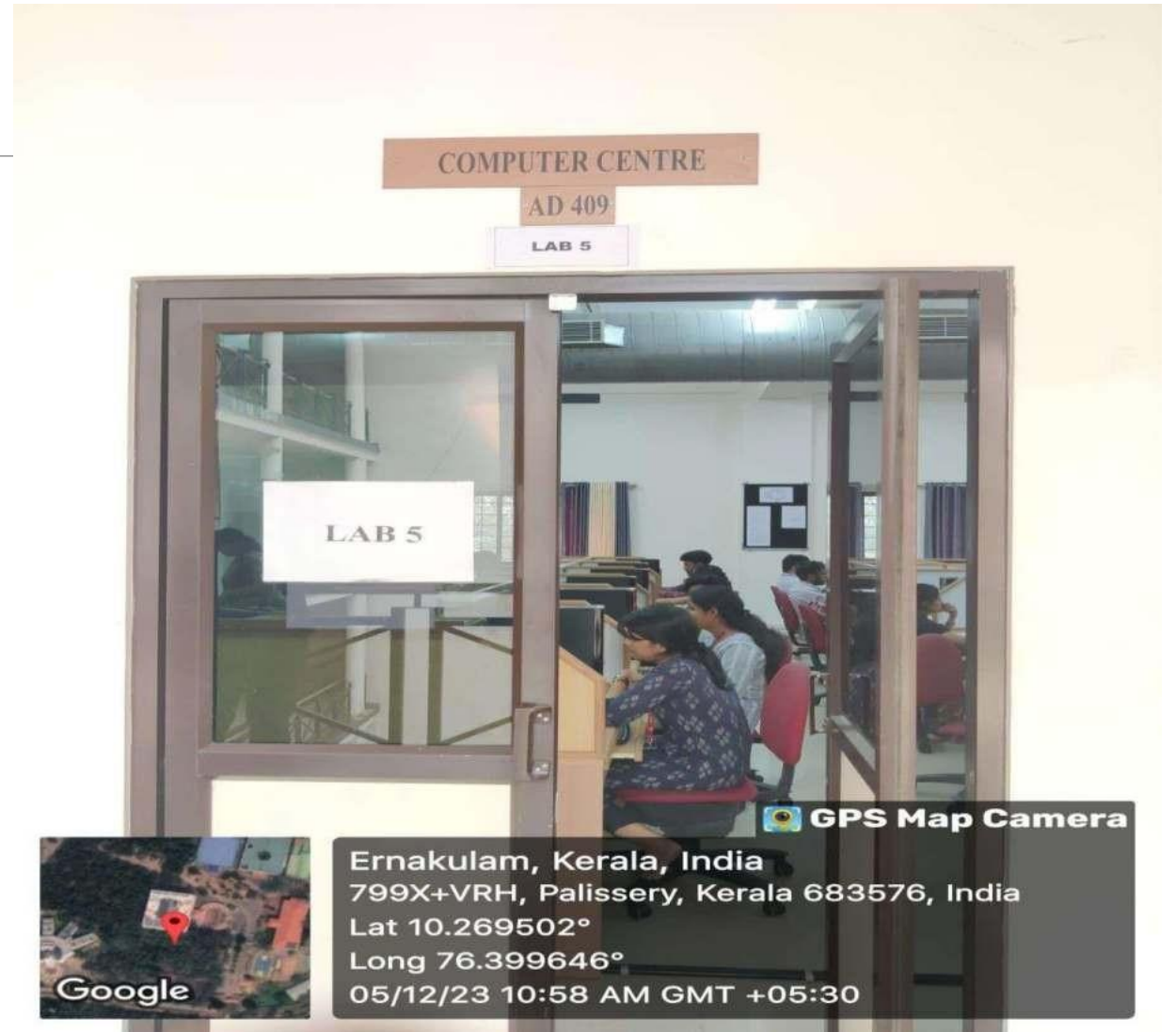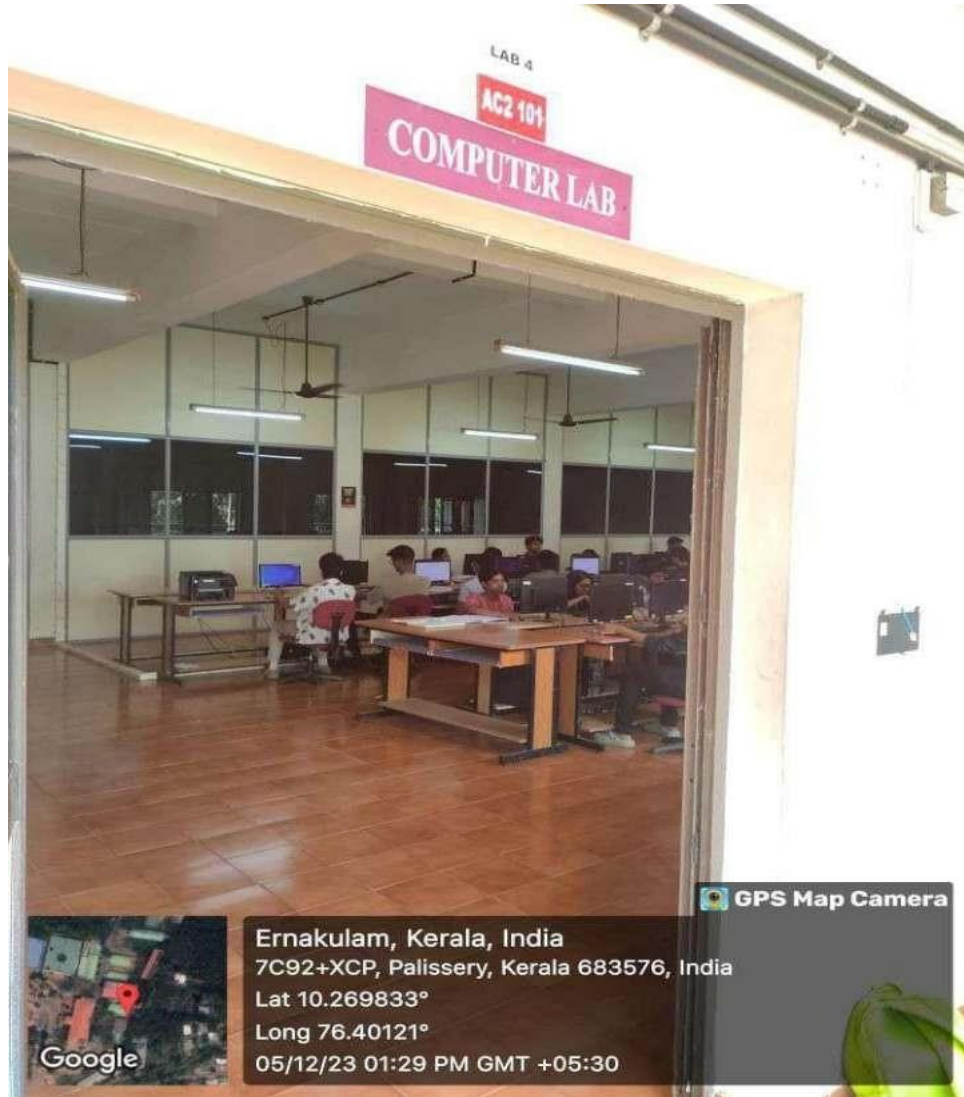
Computer Laboratories

Computer Laboratories

Ernakulam, Kerala, India
7C92+XCP, Palissery, Kerala 683576, India
Lat 10.269833°
Long 76.40121°
05/12/23 01:29 PM GMT +05:30

Ernakulam, Kerala, India
799X+VRH, Palissery, Kerala 683576, India
Lat 10.269502°
Long 76.399646°
05/12/23 10:58 AM GMT +05:30

Computer Laboratories

Computer Laboratories

Electronics and Communication Engineering Department

Communications Lab
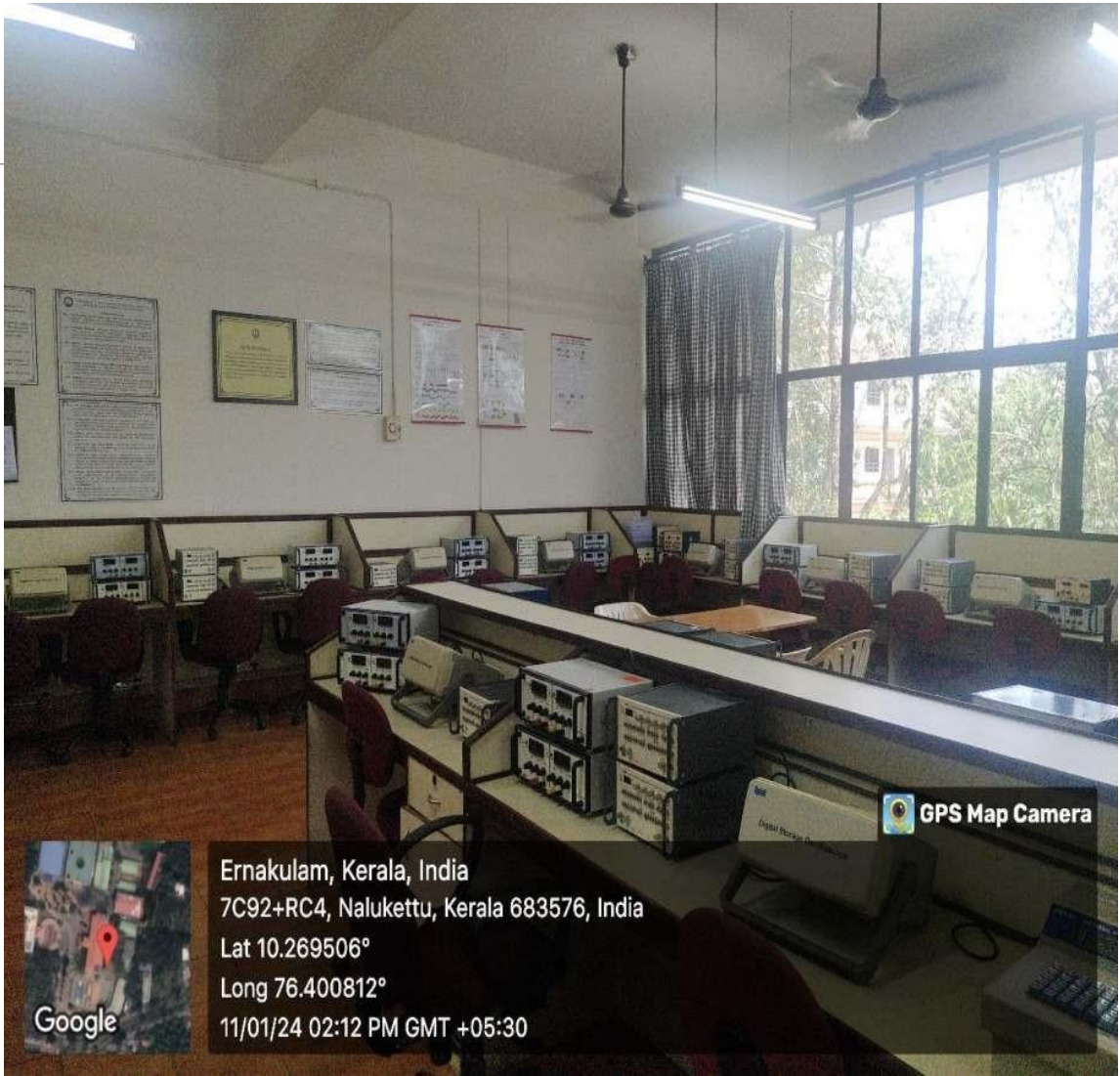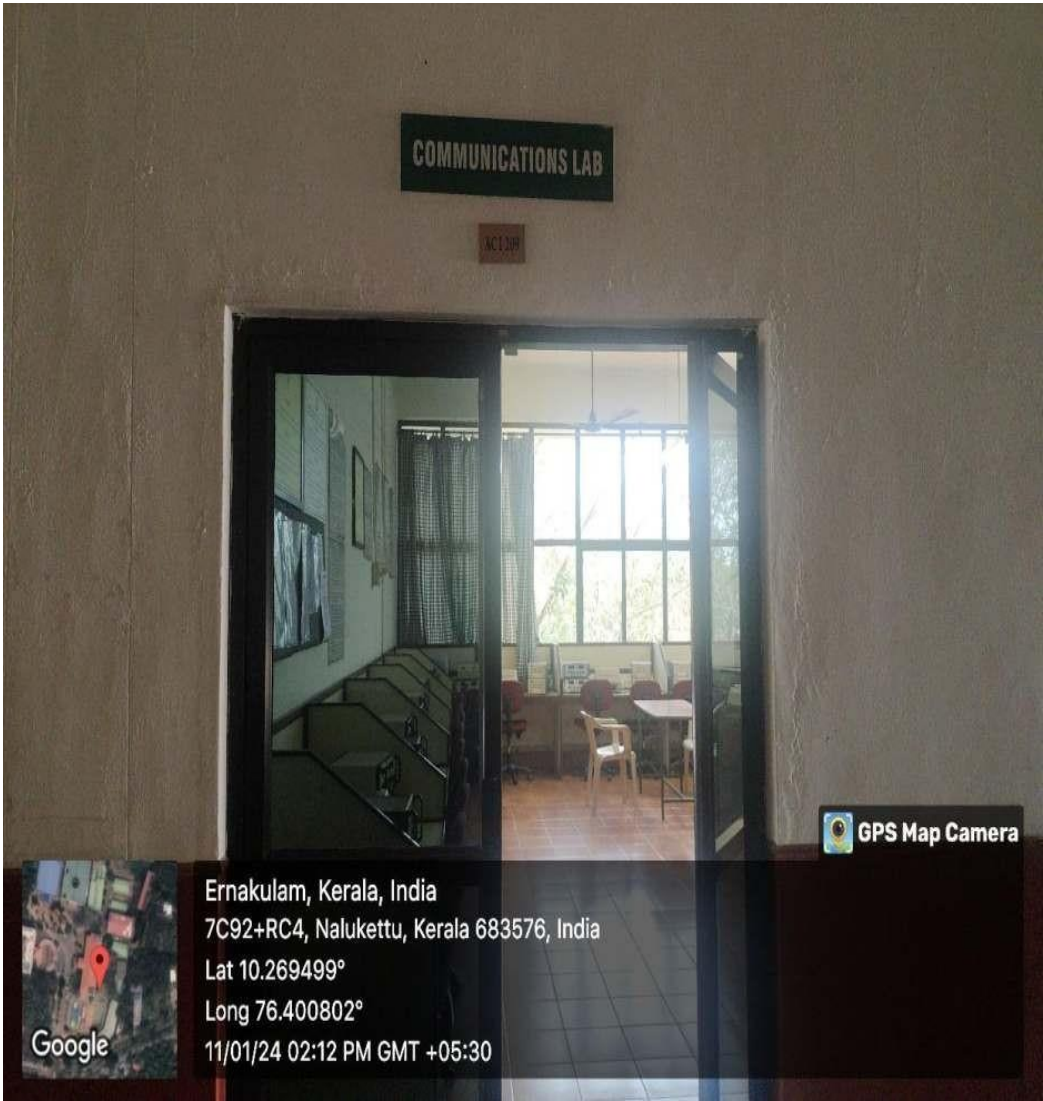
Electronic Circuit Lab
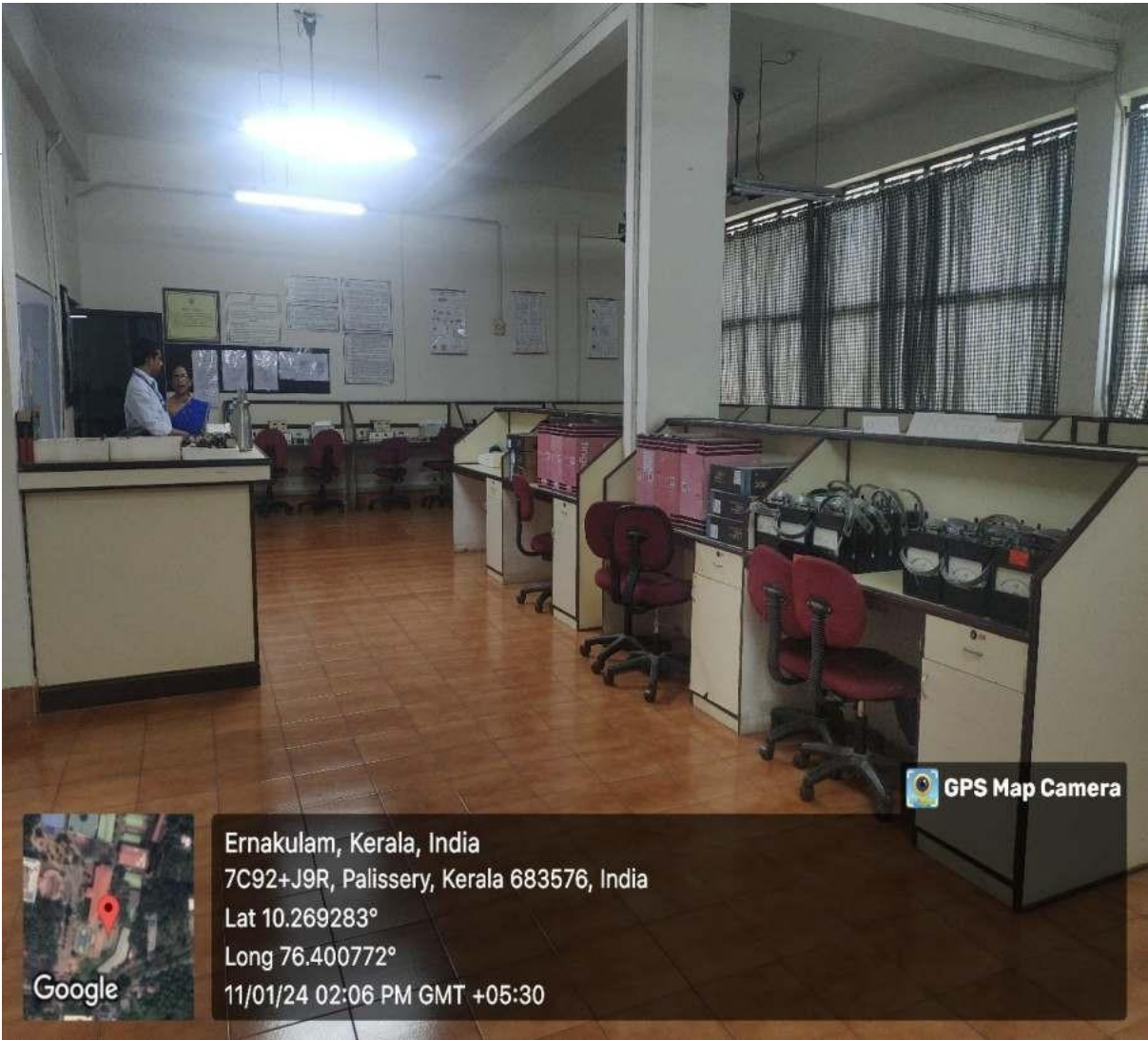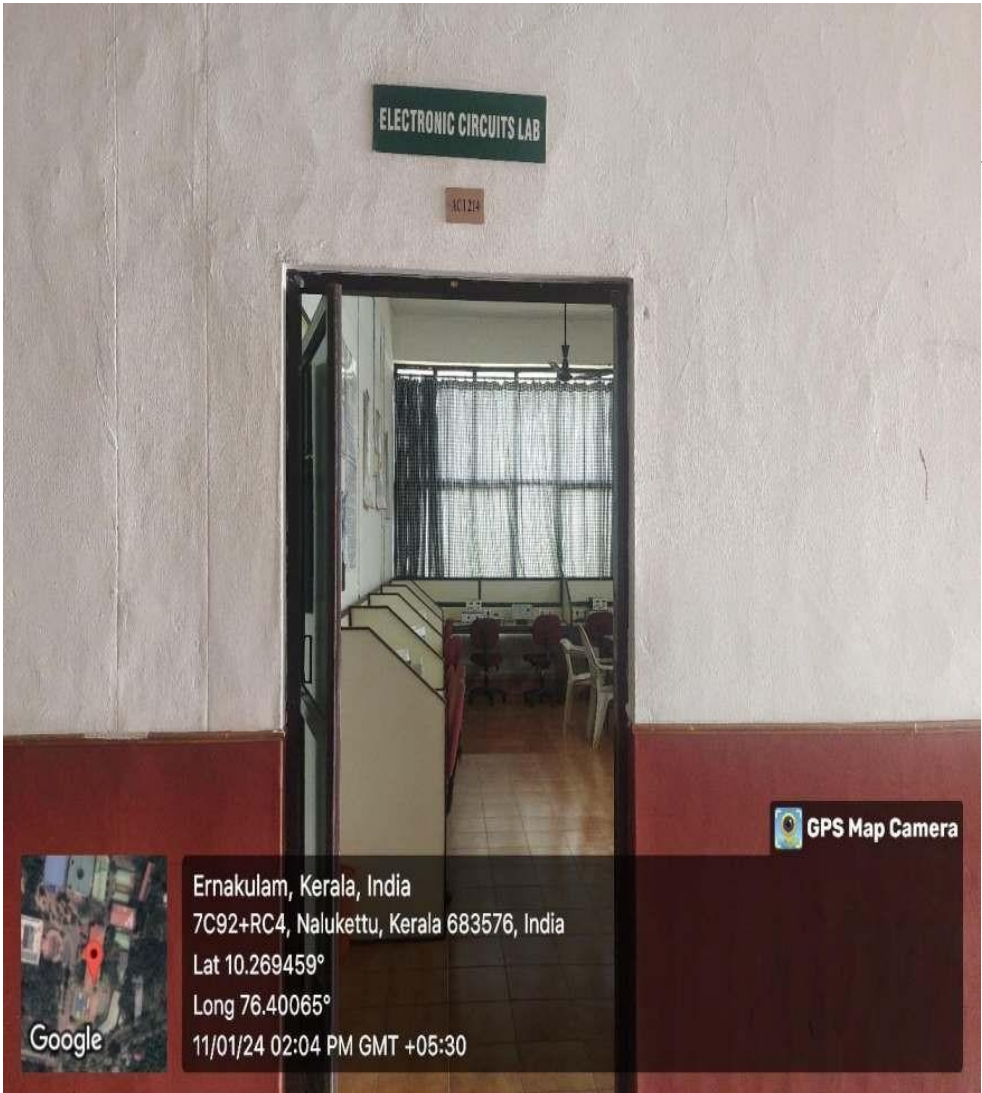
Electronics Engineering Workshop

Microprocessor and Microcontroller Lab
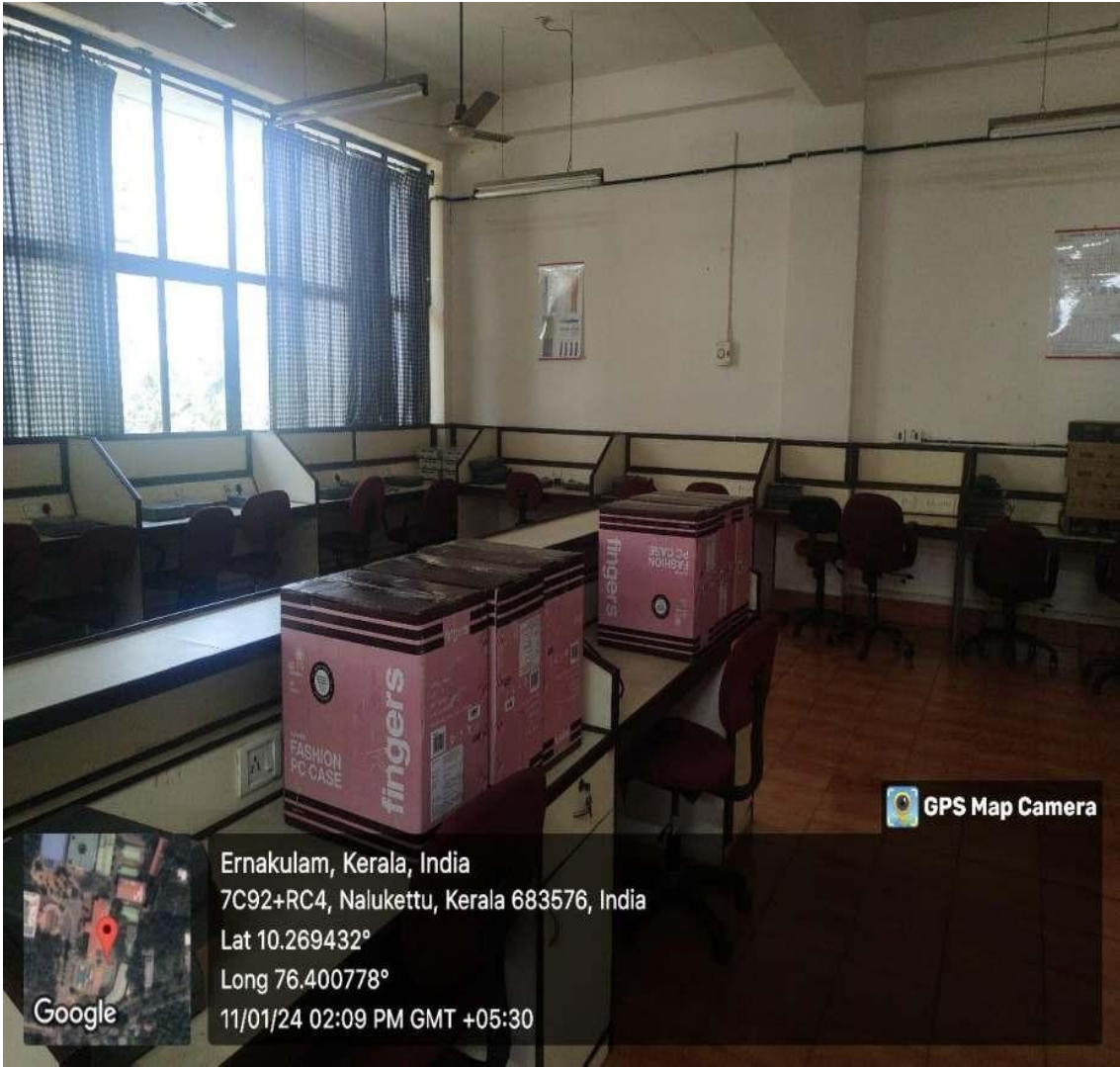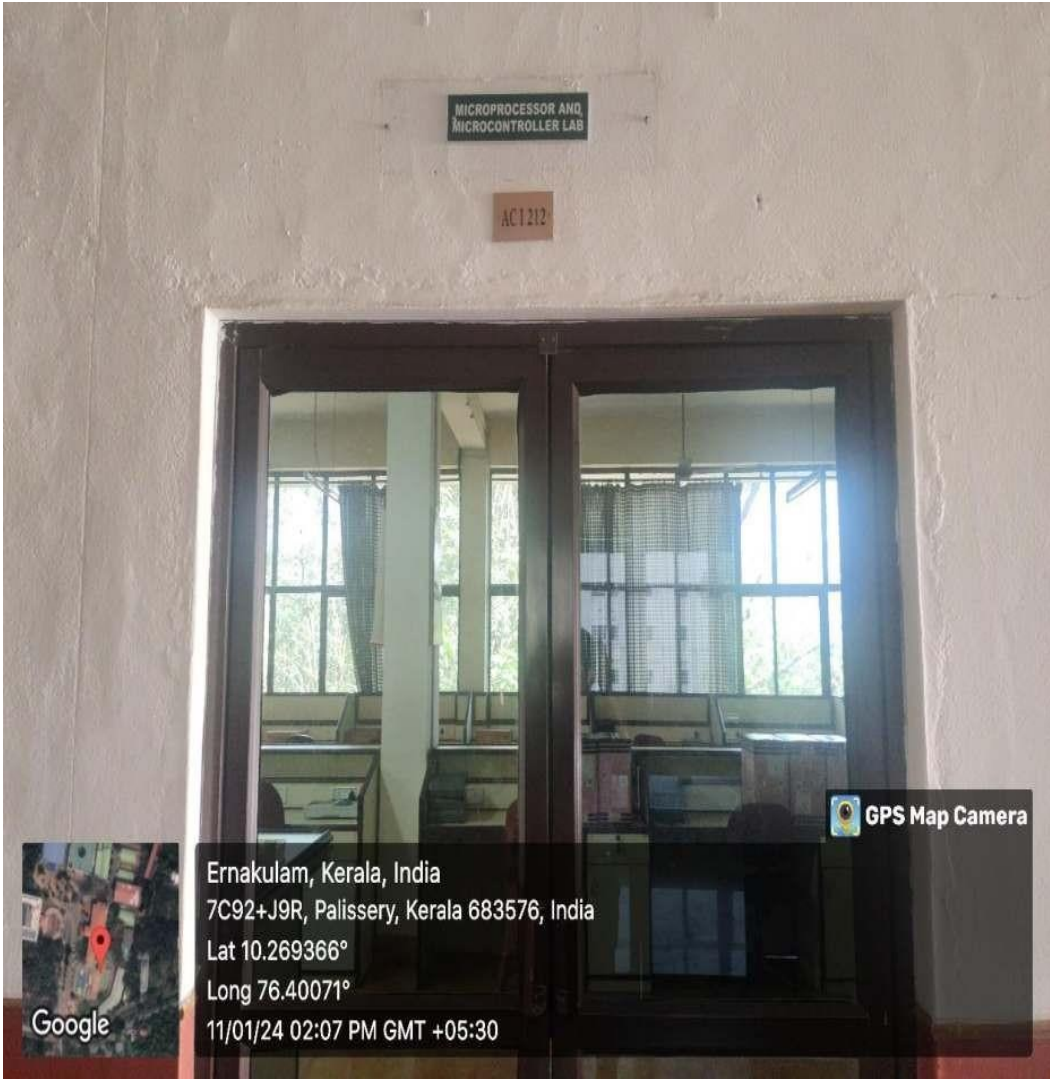
Microwave Lab
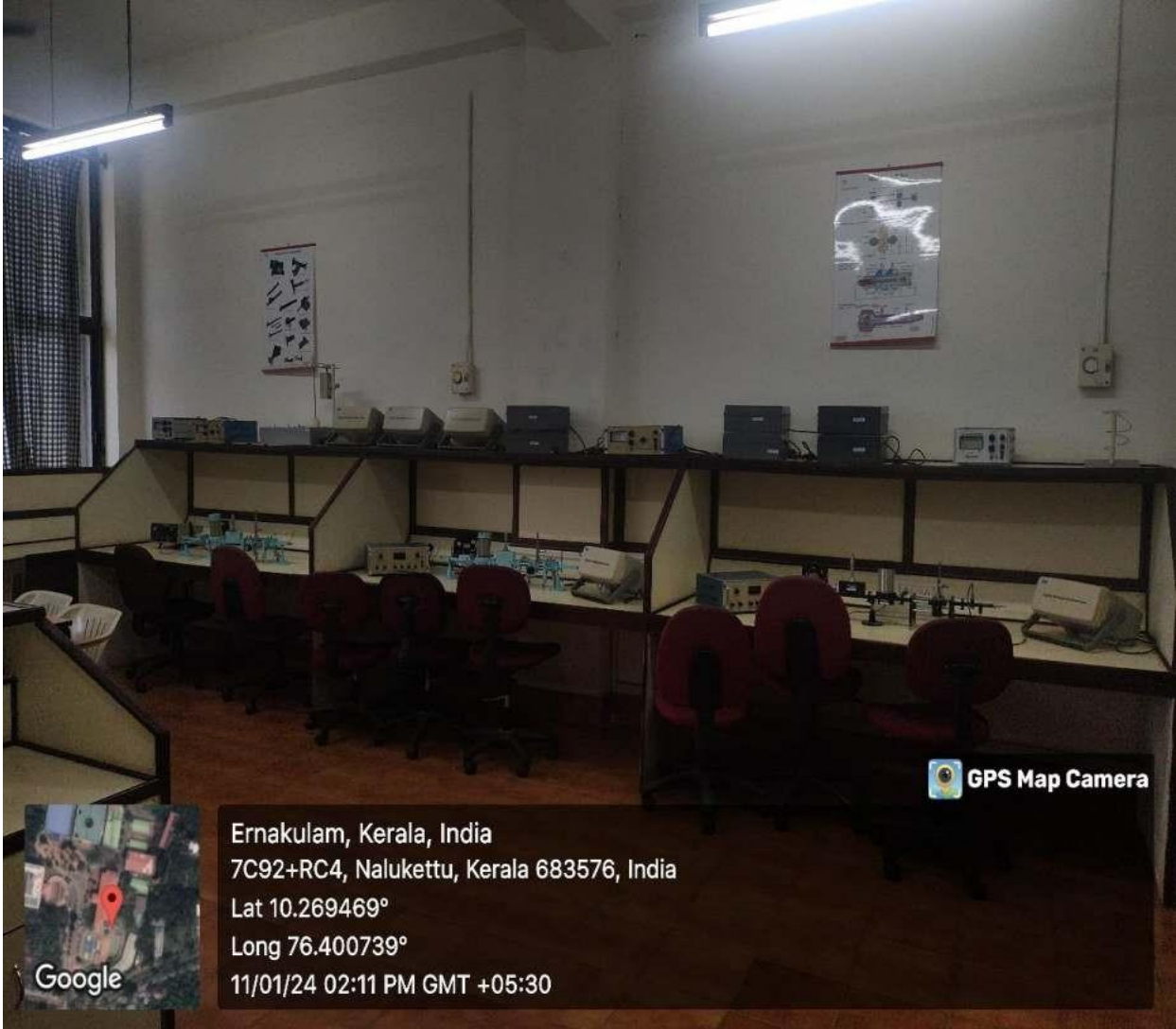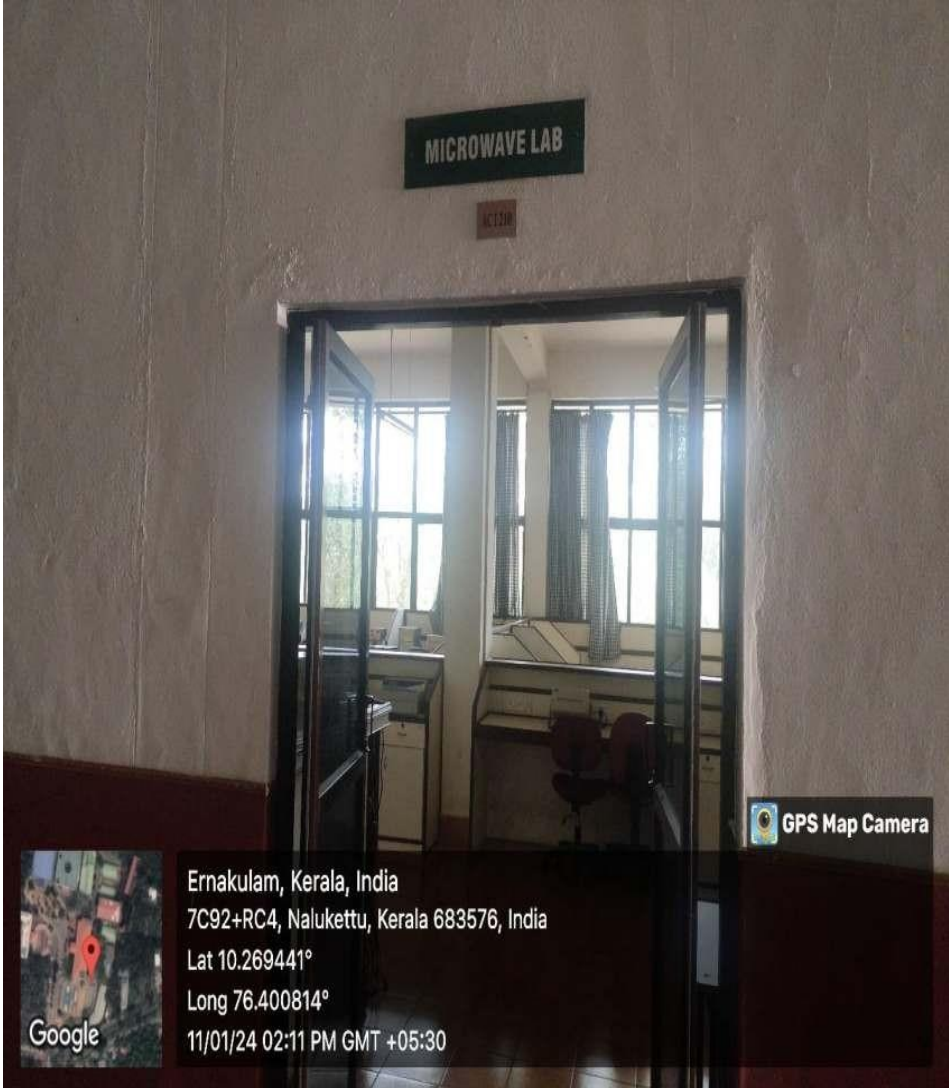
Digital Electronics Lab
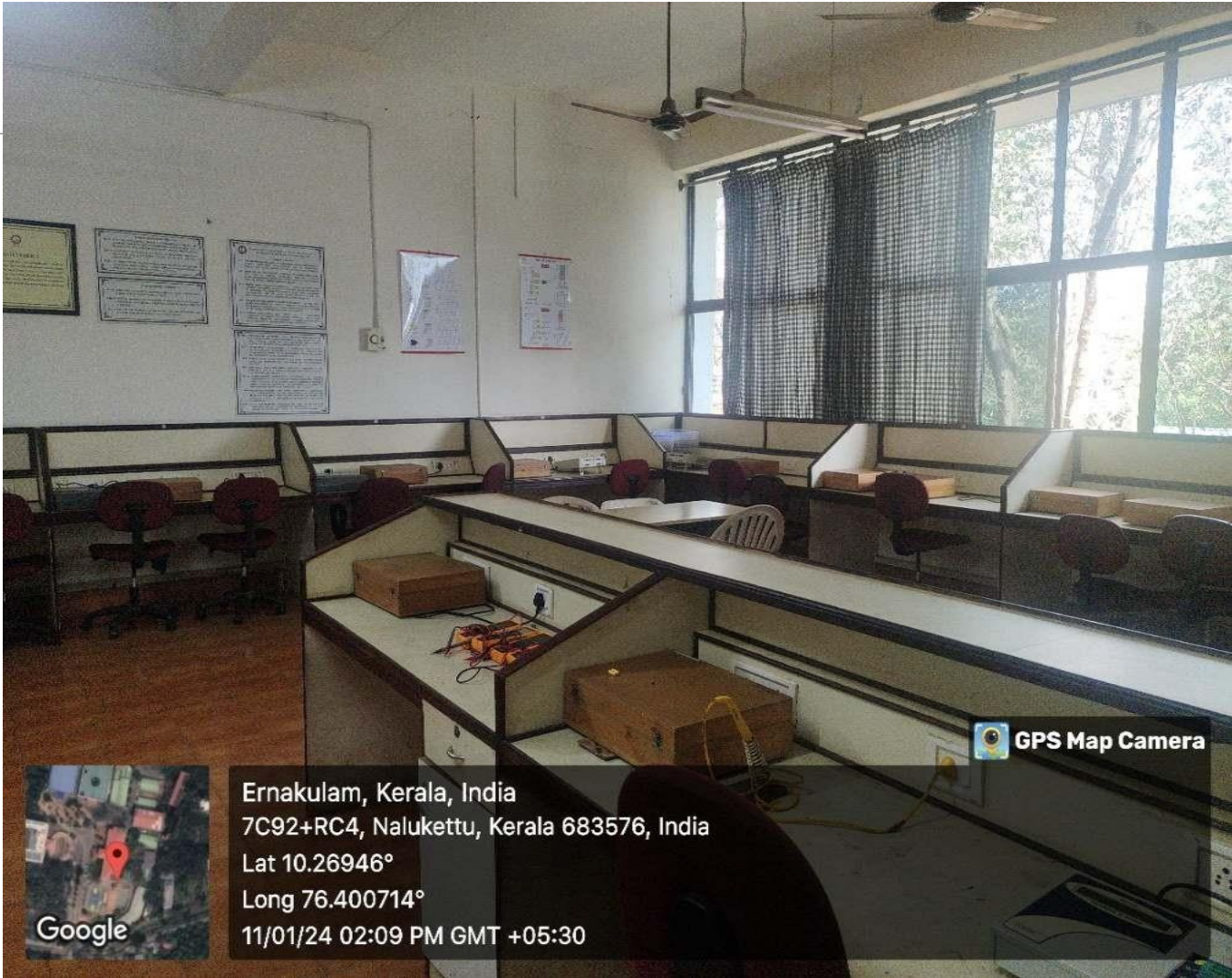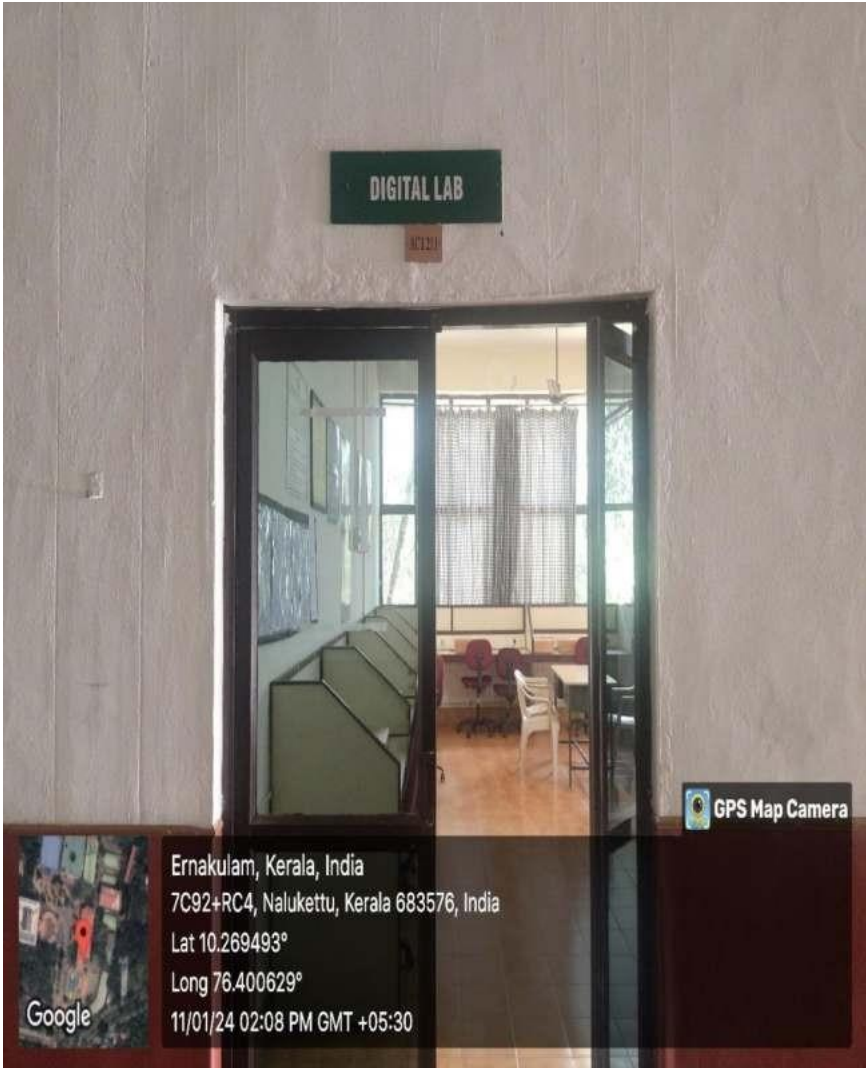
Electrical and Electronics Engineering Department

Electrical Machines Laboratory
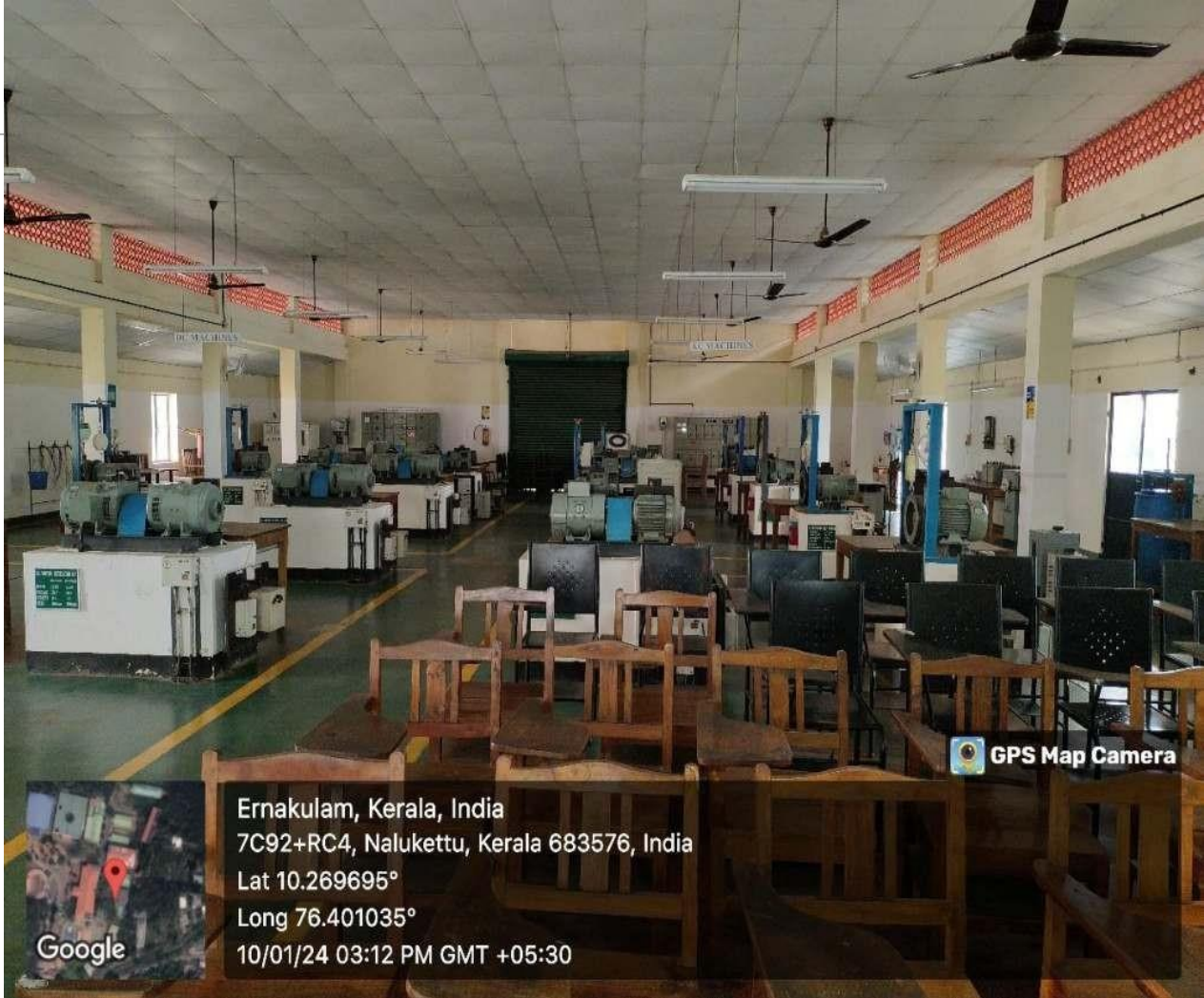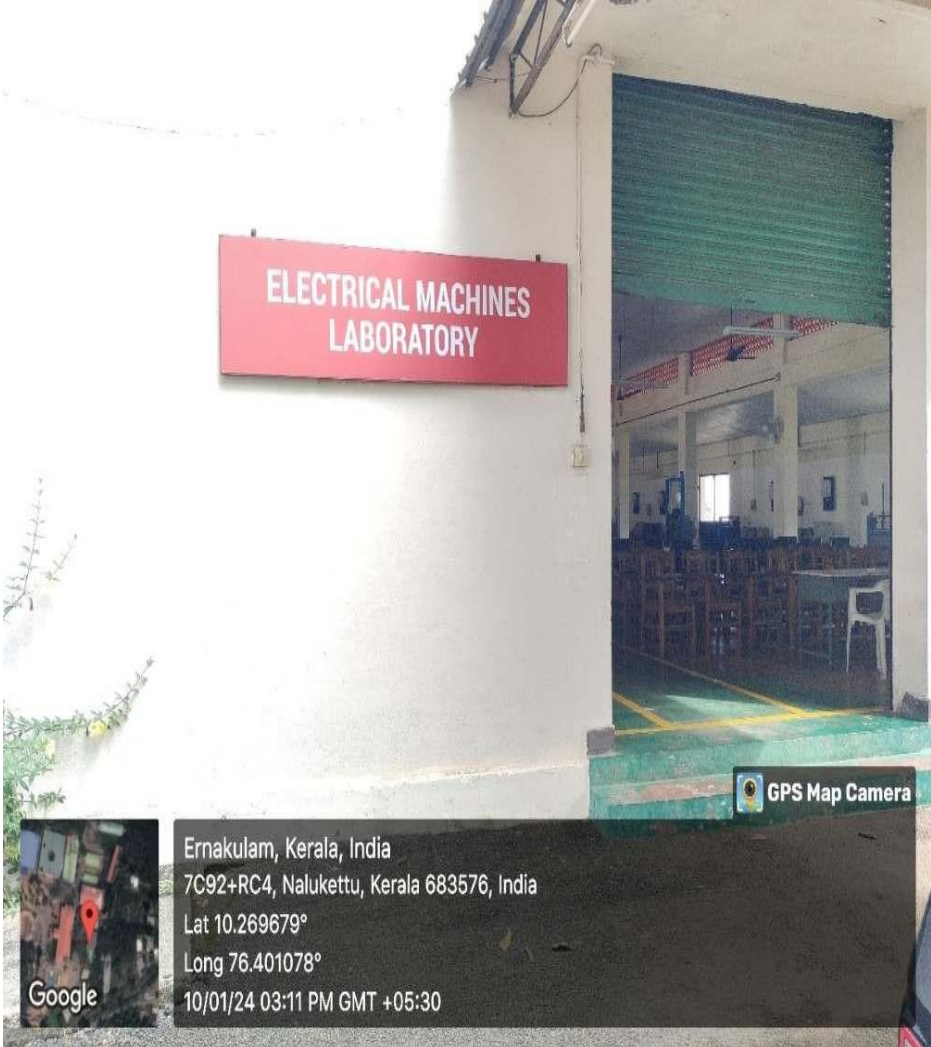
Electrical Workshop
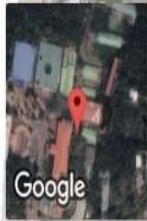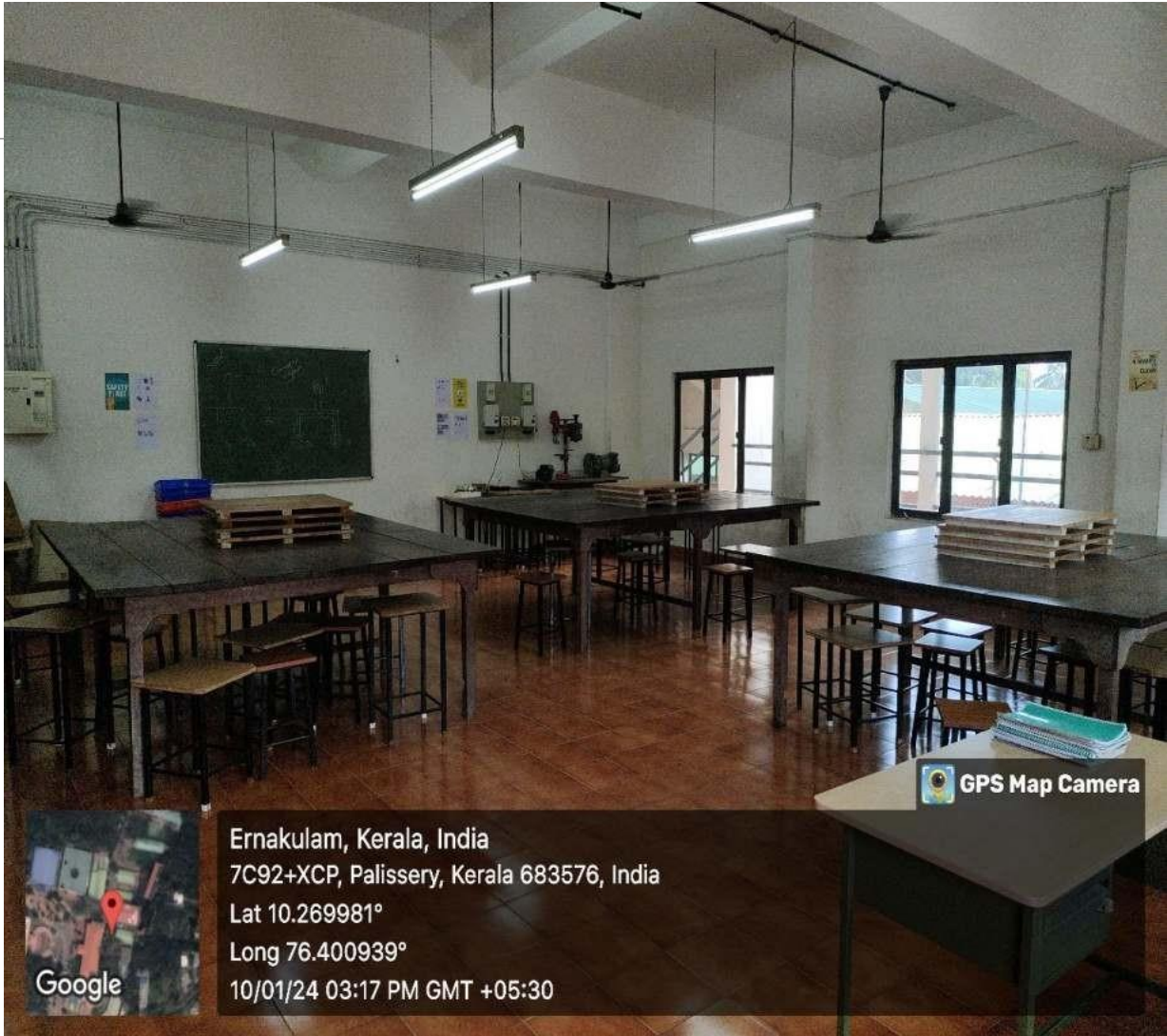
Control and Power Electronics Lab
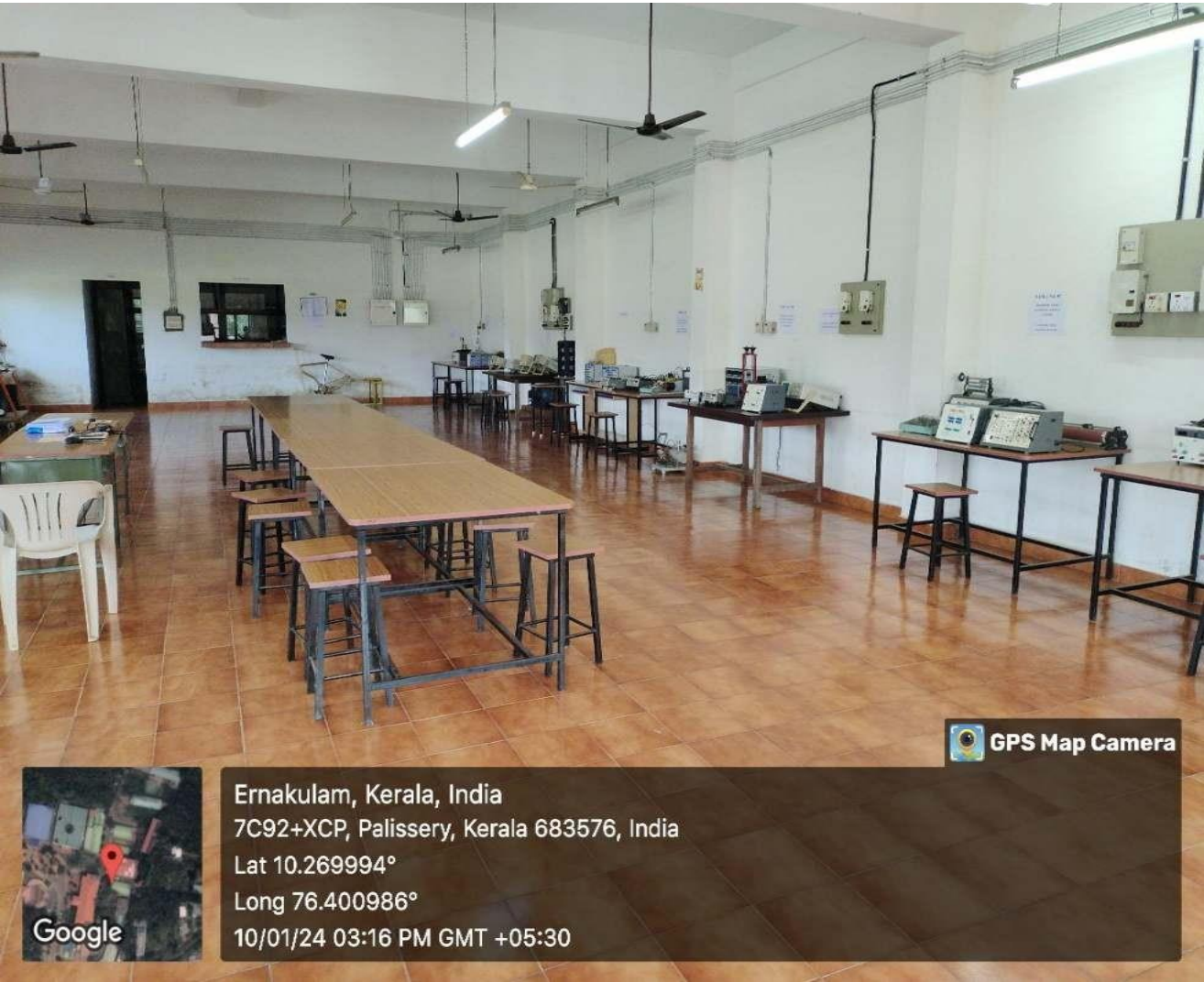
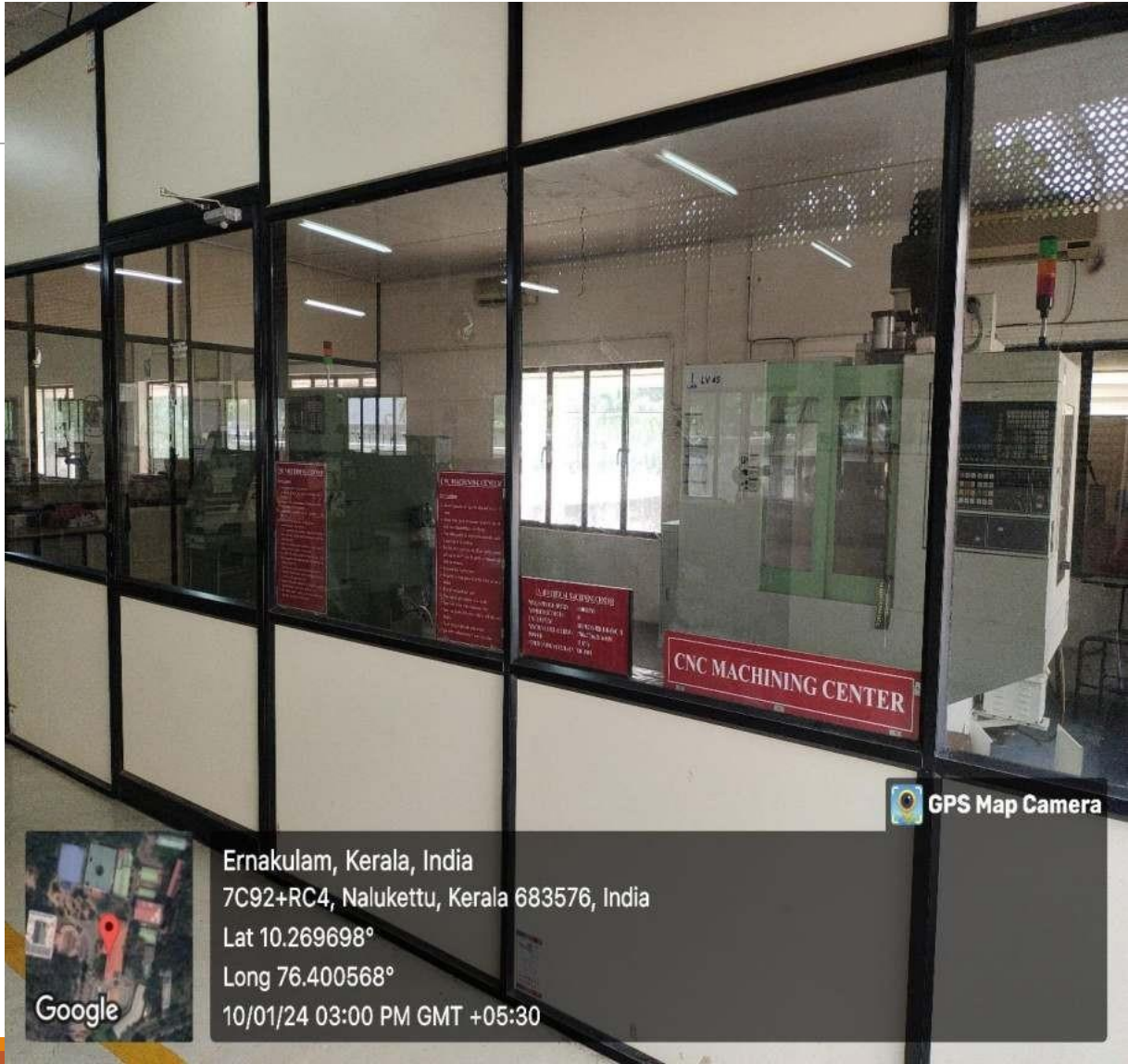# Basic Electrical and Electrical Measurements Lab
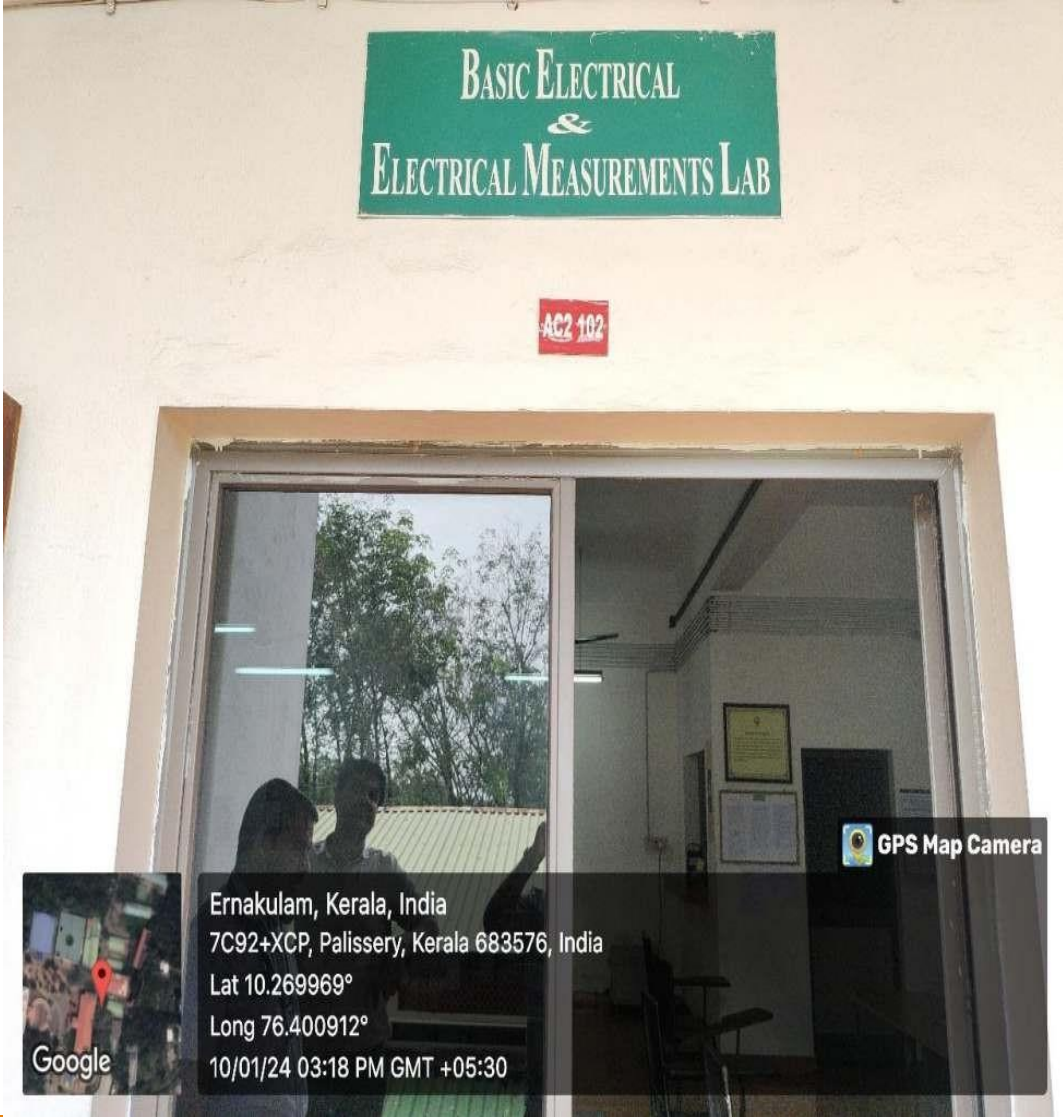
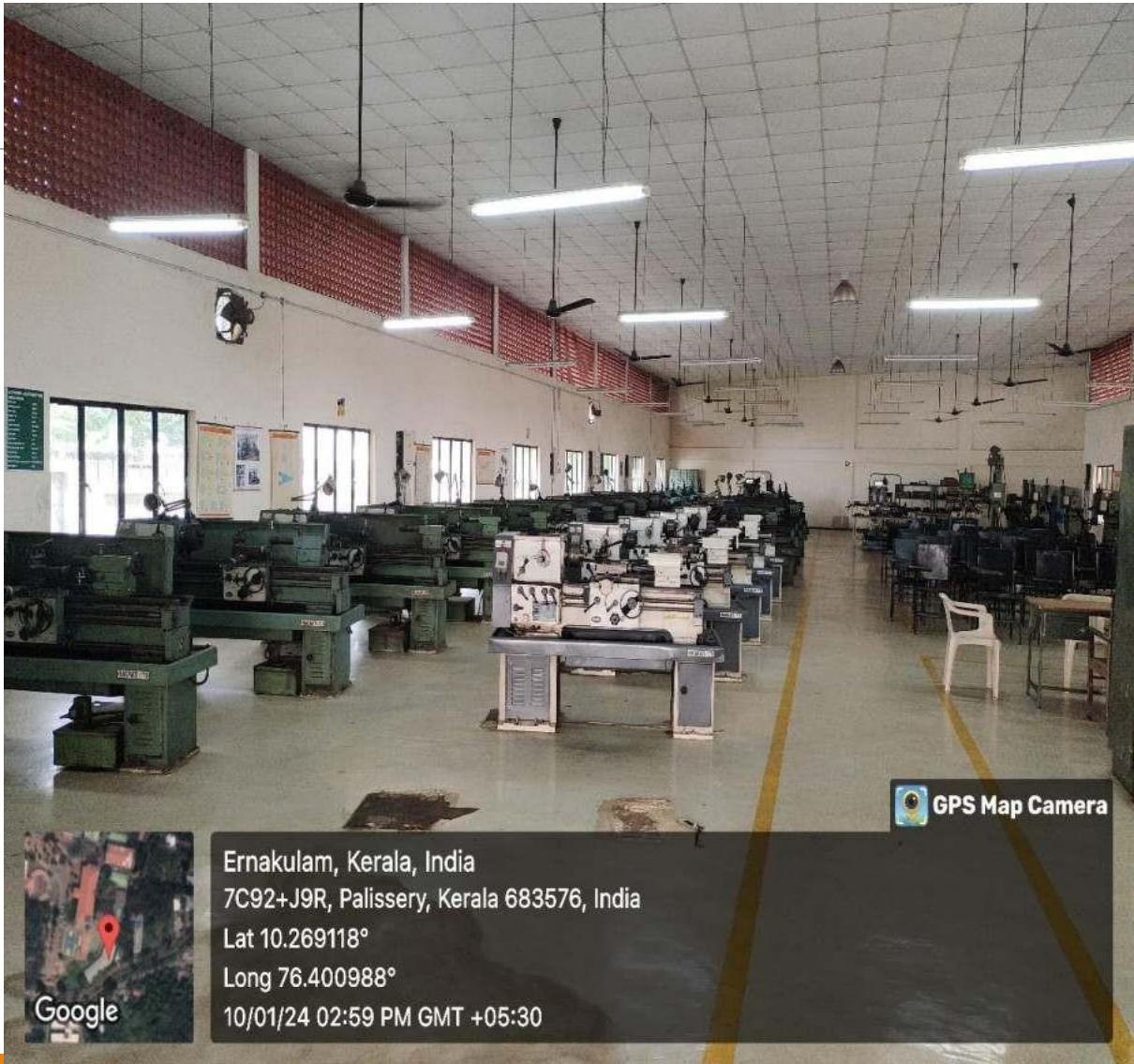# Mechanical Engineering Department
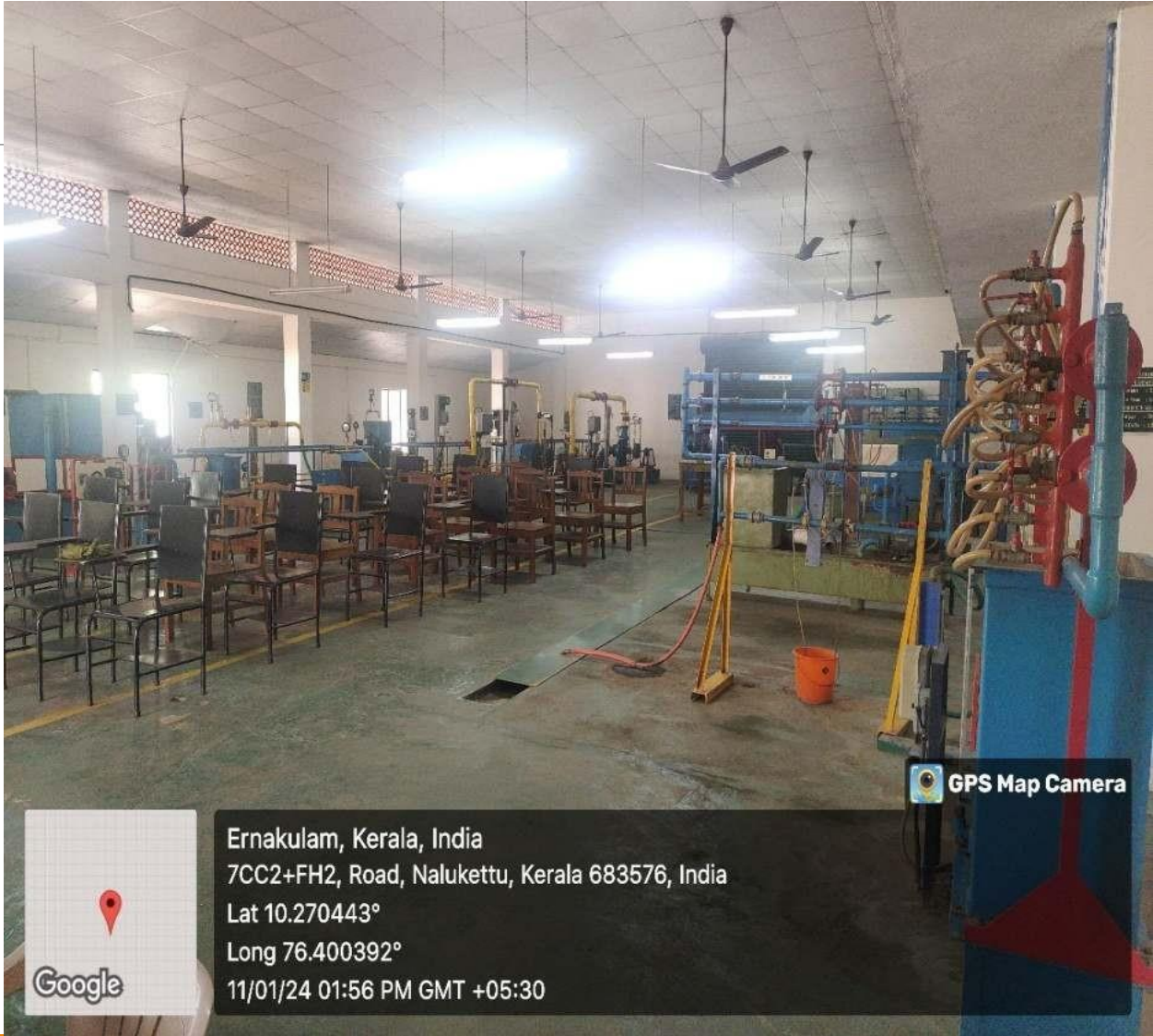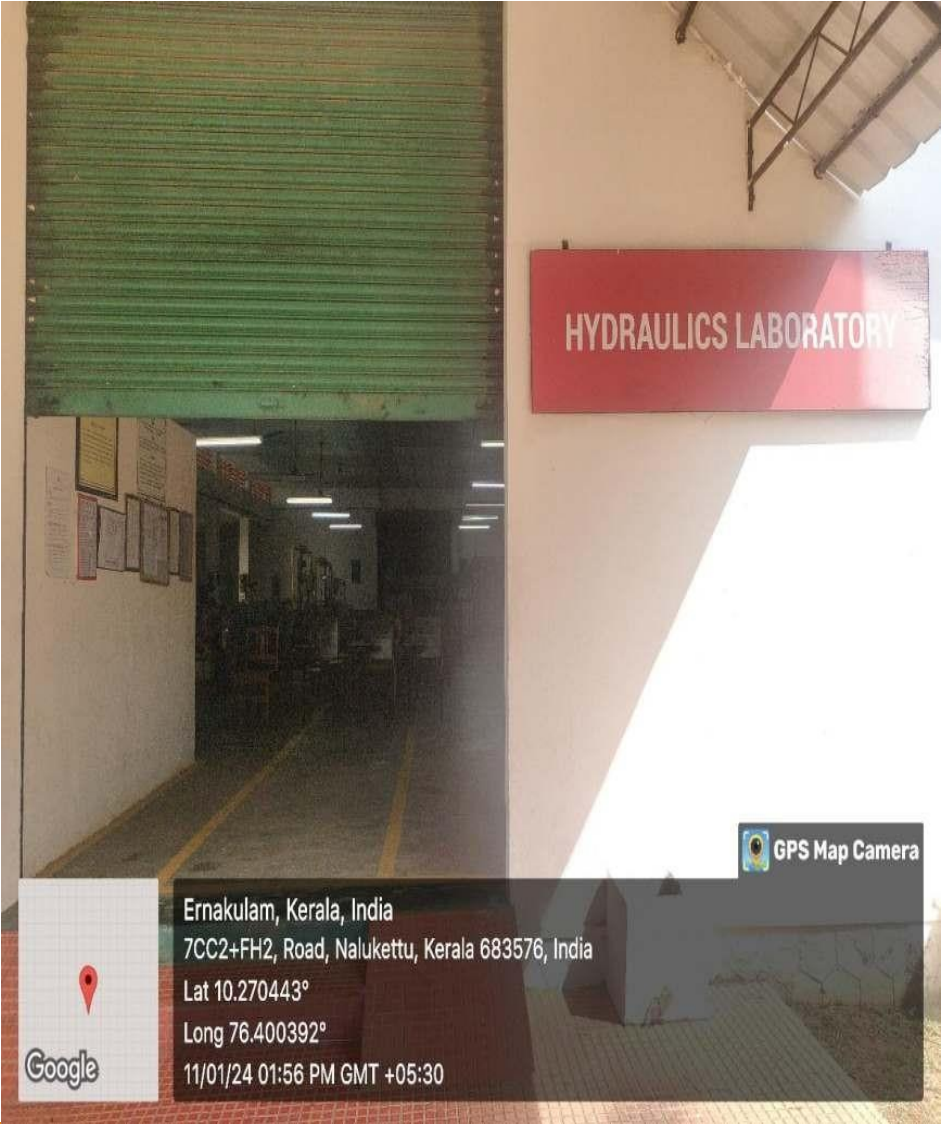
Thermal Engineering Lab
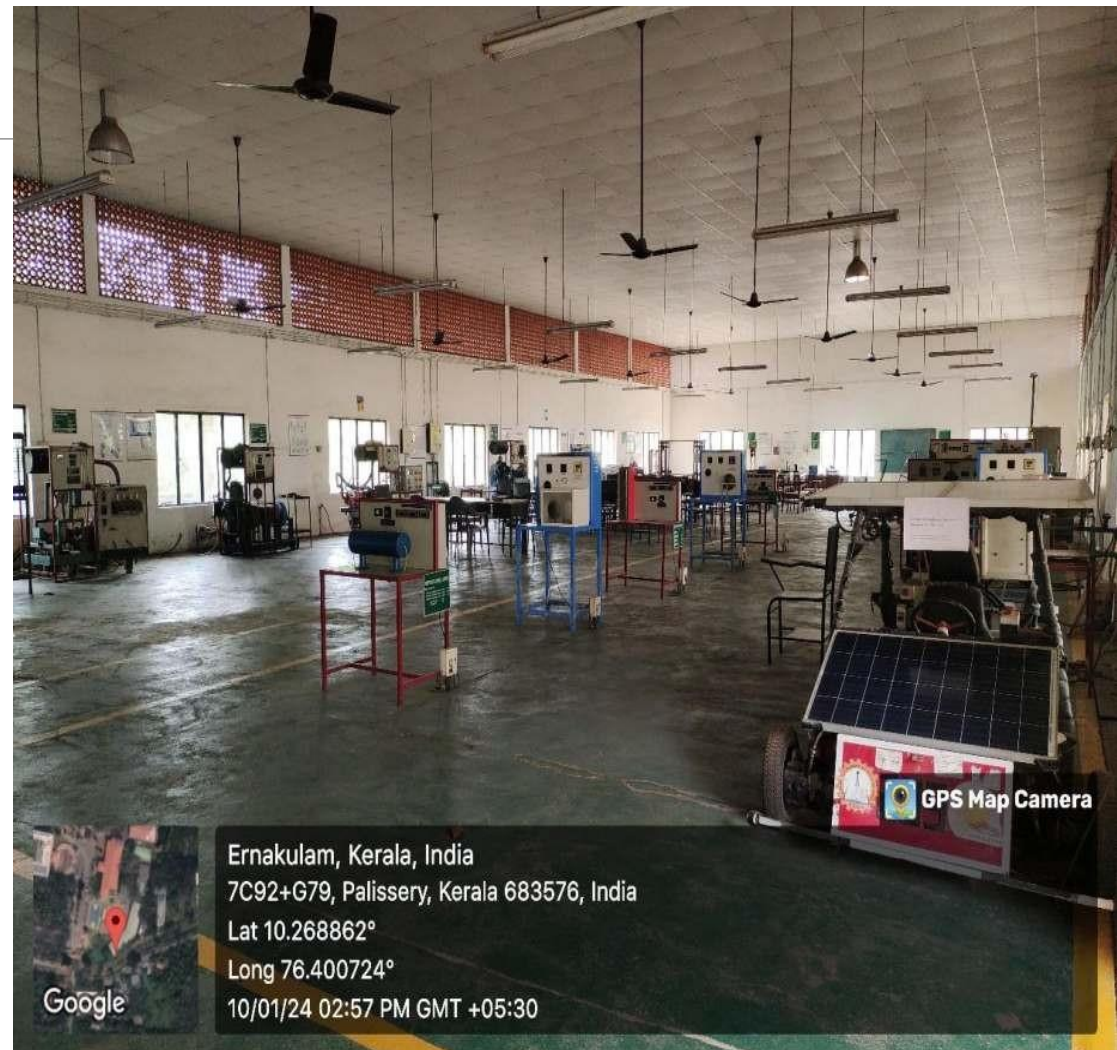
Basic Mechanical Workshop

Mechanical Engineering Lab

Thrissur, Kerala, India
7C92+78M, Palissery, Thrissur, Kerala 683576, India
Lat 10.268802°
Long 76.400141°
10/01/24 02:55 PM GMT +05:30

CNC MACHINING CENTER

Ernakulam, Kerala, India
7C92+RC4, Nalukettu, Kerala 683576, India
Lat 10.269698°
Long 76.400568°
10/01/24 03:00 PM GMT +05:30

Machine Tool Lab

Ernakulam, Kerala, India
7C92+J9R, Palissery, Kerala 683576, India
Lat 10.269192°
Long 76.400884°
10/01/24 02:58 PM GMT +05:30

Ernakulam, Kerala, India
7C92+J9R, Palissery, Kerala 683576, India
Lat 10.269118°
Long 76.400988°
10/01/24 02:59 PM GMT +05:30
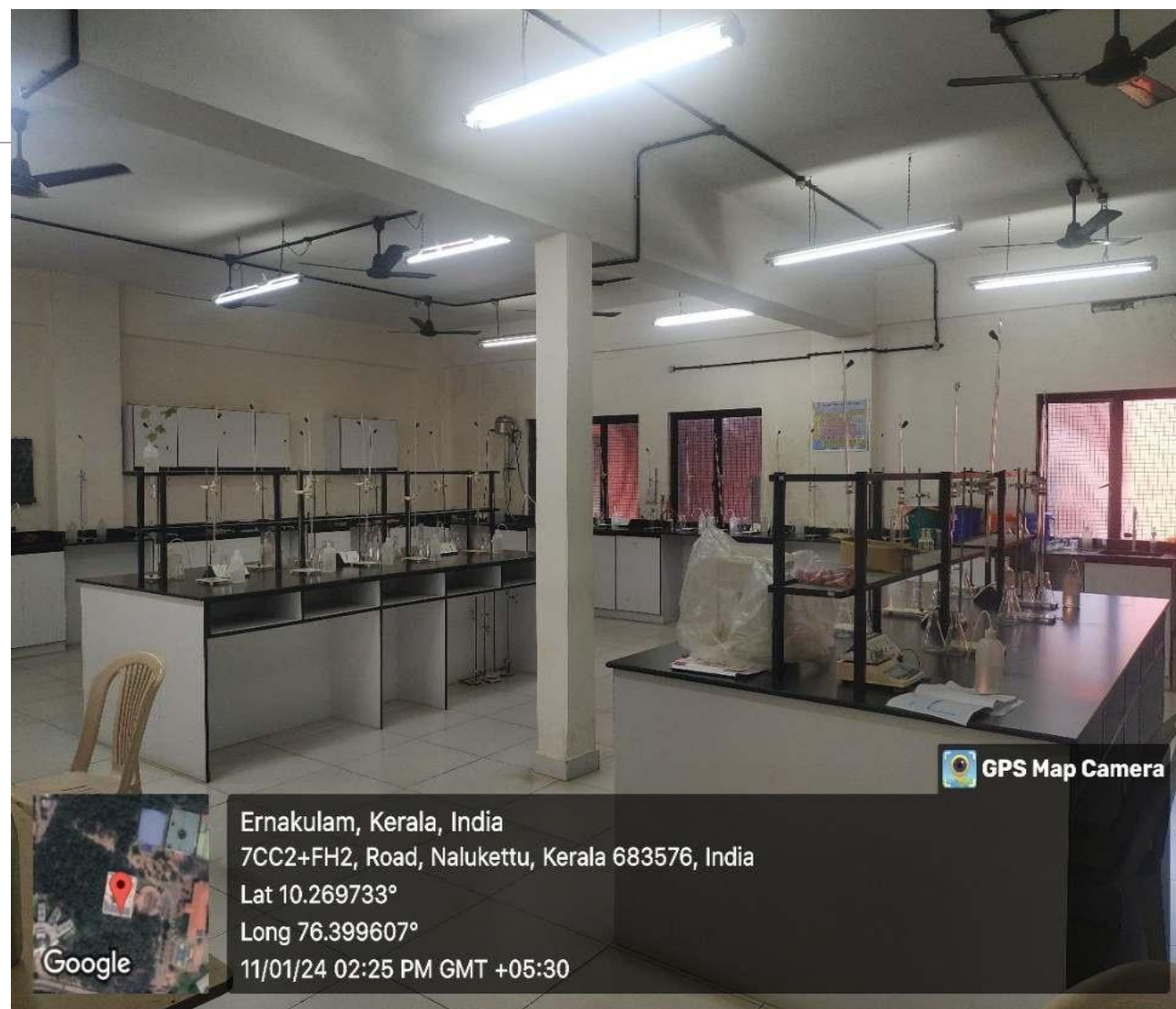
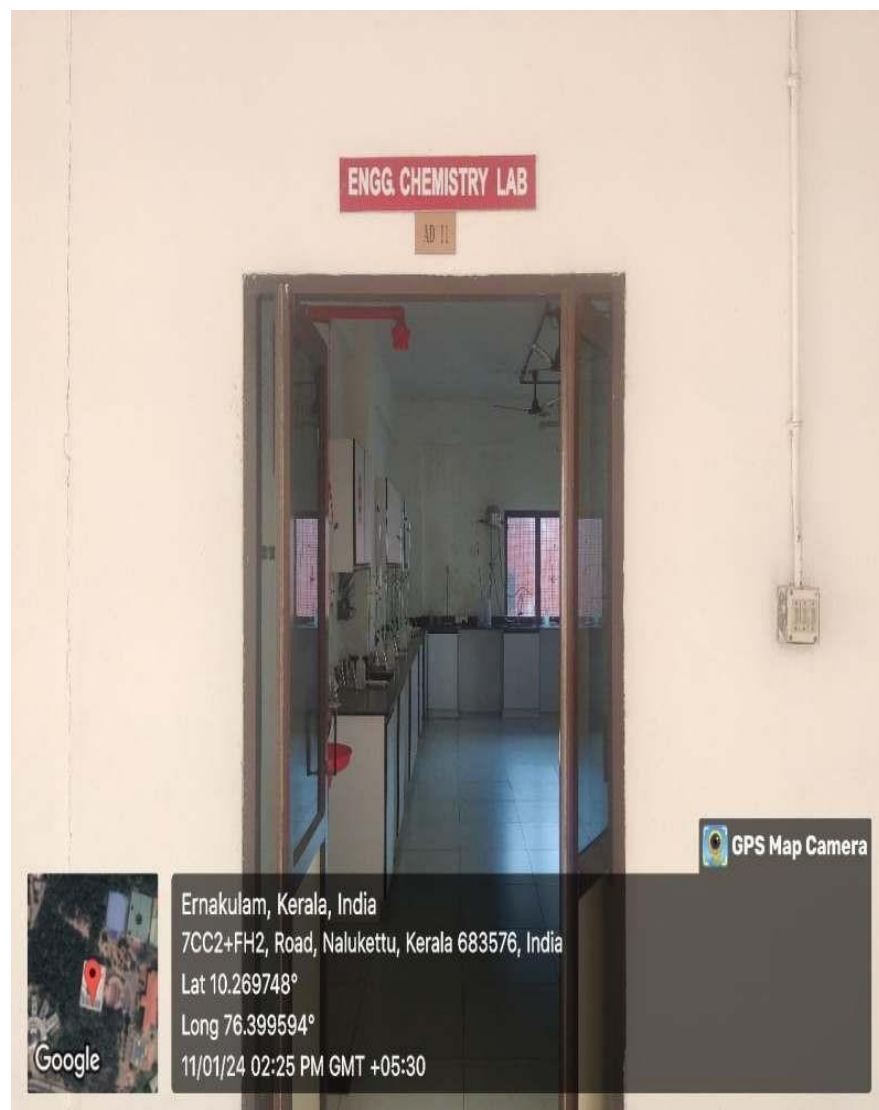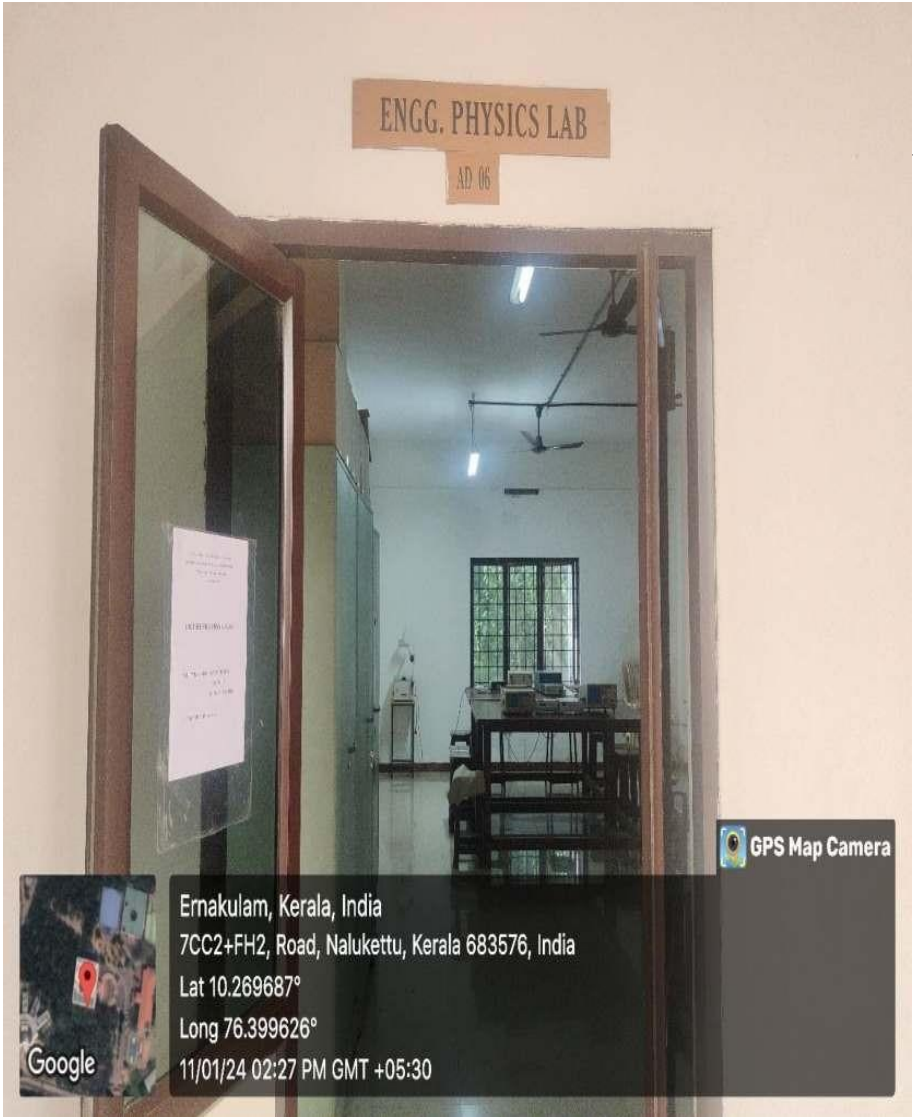# Fluid Mechanics and Machinery Lab

CAD Lab
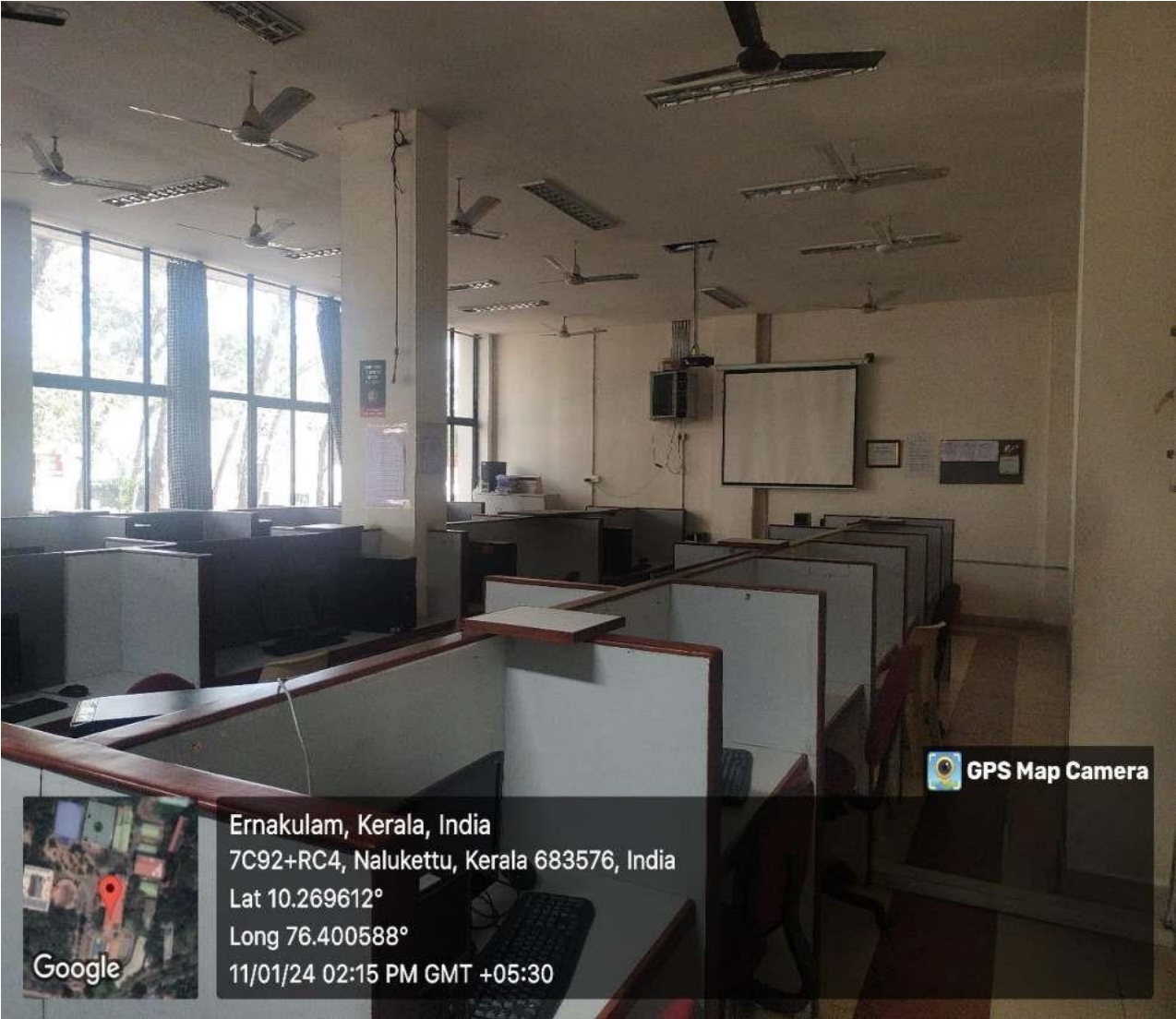
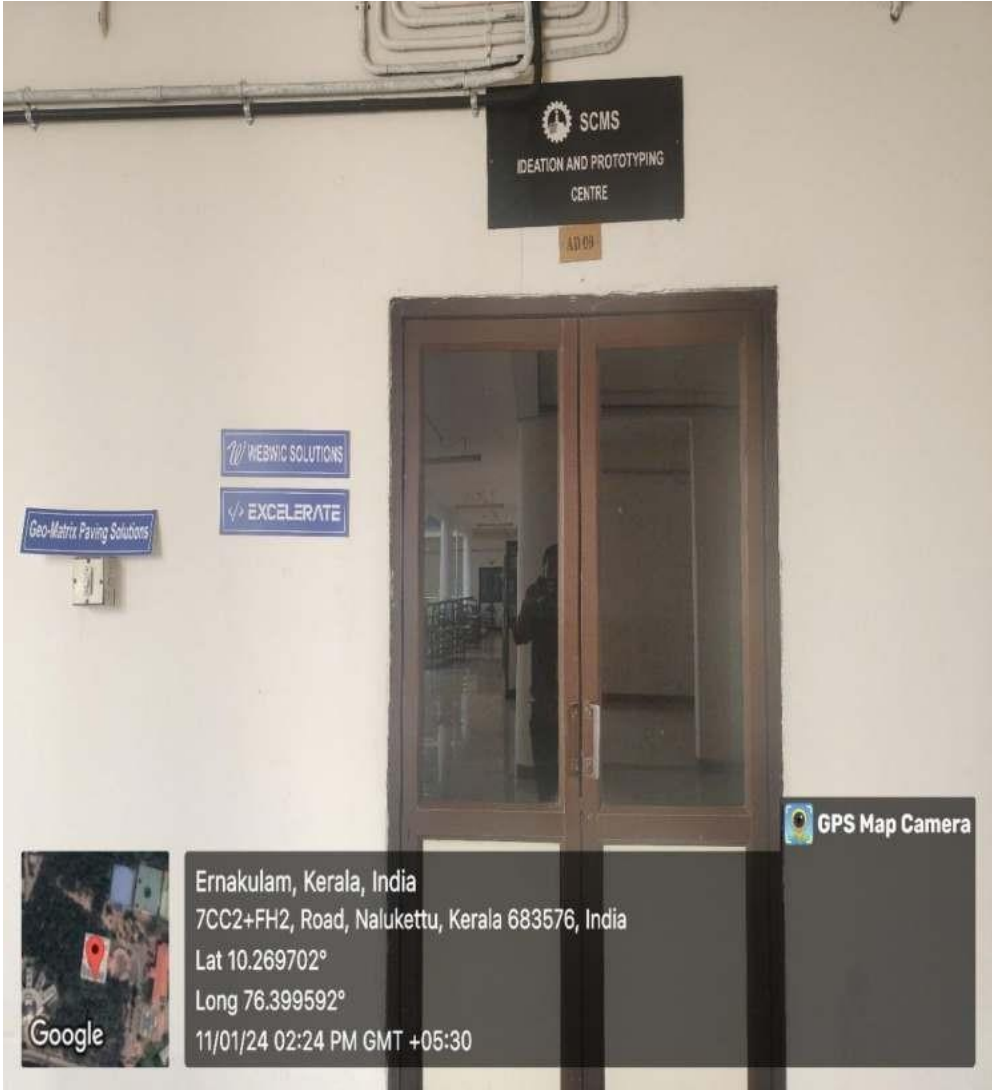# Basic Science and Humanities

Engineering Chemistry Lab

Engineering Physics Lab

Research and Innovation Labs

Ideation and Prototyping Centre, FAB Lab, Robotics Lab

Innovation and entrepreneurship Development Centre (IEDC)